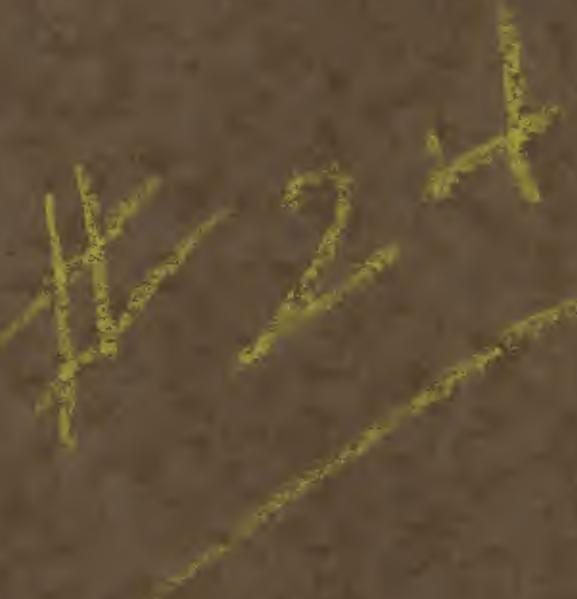


TRADE

**CHICAGO**

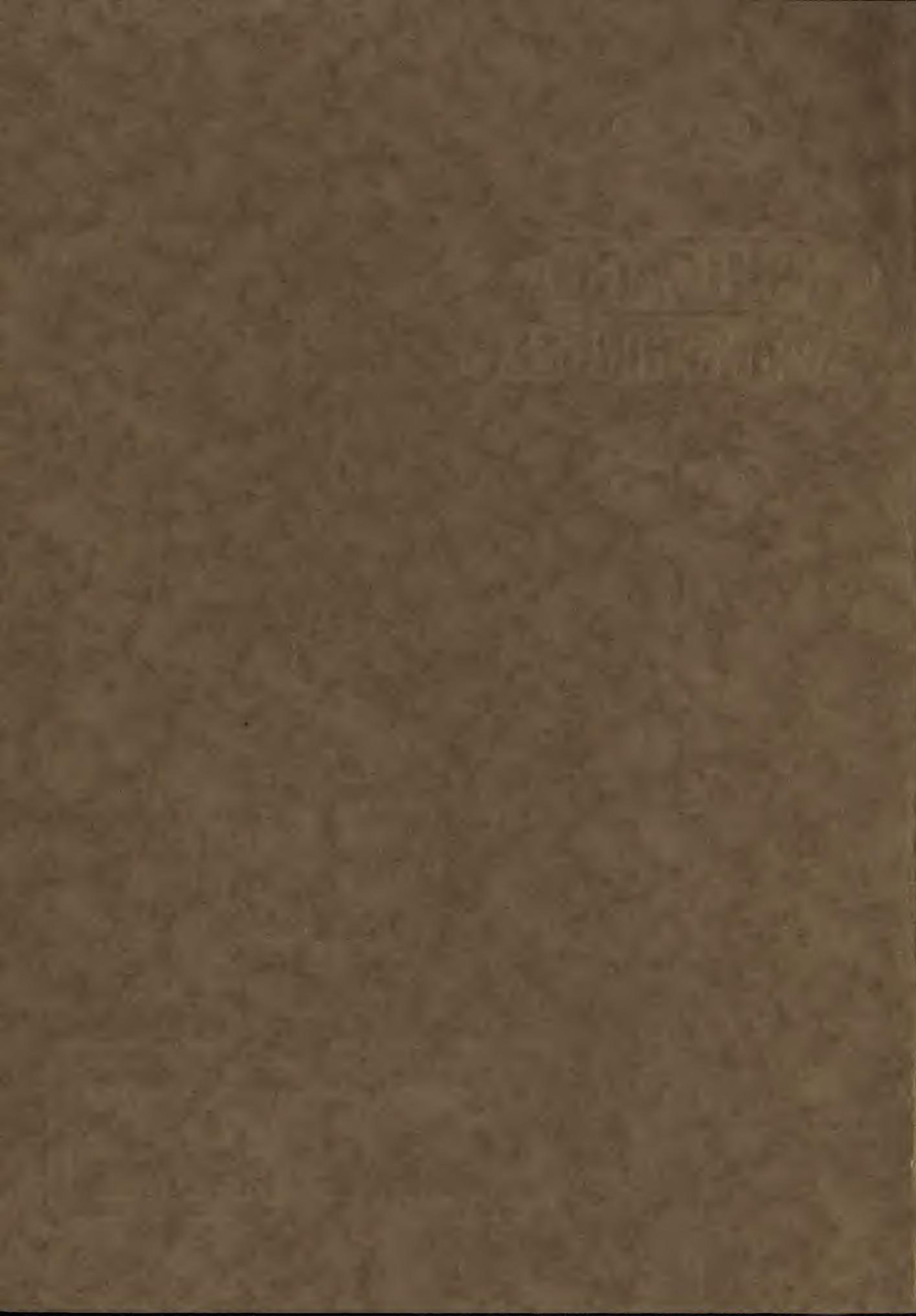
MARK

**SPRING HINGES**



**CHICAGO SPRING HINGE COMPANY**  
MANUFACTURERS

CHICAGO      NEW YORK  
U. S. A.







TRADE **(CHICAGO)** MARK  
**SPRING HINGES**

CATALOGUE  
No. 55

ORGANIZED 1871  
INCORPORATED 1885

*Chicago Spring Hinge Company,*

MANUFACTURERS  
GENERAL OFFICES & WORKS  
1500 CARROLL AVE.  
CHICAGO, U. S. A.

EASTERN OFFICE AND WAREHOUSE  
109 LAFAYETTE STREET  
NEW YORK

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CABLE ADDRESS  
SPRINGHING-CHICAGO

# Type Classification Index

## Catalogue No. 55

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### Spring Hinges to Special Order

We will be pleased to receive inquiries regarding spring hinges not illustrated in our Catalogue or to meet special conditions.

## Specifications

In specifying, to avoid mistakes or delays, always give the NUMBER and SIZE of the item required. Each item has a number and also a size description indicating dimensions pertaining to application of the article, or in some cases the size of the article itself. Refer to the catalogue and specify such information as is required.

### Label Color System

#### Green

Steel or Iron Metal

Jappanned and Primed Finish

#### Blue

Steel or Iron Metal

All Other Finishes

#### Red

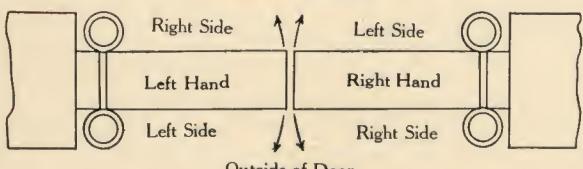
Brass or Bronze Metal

All Finishes

We use the above method of labeling to facilitate locating the goods in stock. The label color broadly groups the metal and class of finish

## To Determine Hand of Door

Double Acting



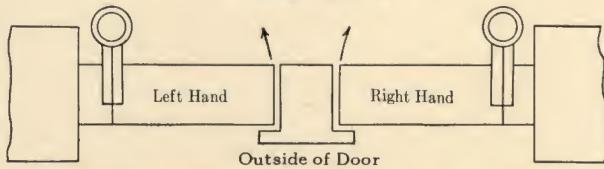
The hand of an article, applied to double acting doors is determined from the outside of the door to which it is applied. The outside of a closet door, for example, is the room side.

If, standing outside of a door, the hinges are on the right, it takes a right hand article. If on the left, it takes a left hand article.

### To Specify Side of Article

To specify two finishes on the same article, stand in doorway

### Single Acting



facing jamb and specify finish for right and left hand sides accordingly.

The hand of an article applied to single acting doors, is determined from the outside of the door to which it is applied. The outside of a closet door, for example, is the room side.

If, standing outside of a door, the hinges are on the right, it takes a right hand article. If on the left, it takes a left hand article. (From U. S. Bureau of Standards Recommendation.)

**United States Federal Specification Type Numbers**  
**With Comparative**  
**Chicago Spring Hinge Company Type Numbers**

(Specify Type No. and U. S. Finish Symbol)

U. S. Type Number		Federal Specification Number	C. S. H. Co. Type Number	Federal Specification Finish
A1051		FF-H-111	1260 x 1247C	US14 Fin.
A1051A		FF-H-111	1260 x 1247C	US25 Fin.
B1051	With Surface Keeper	FF-H-111	1252K	US14 Fin.
	With Clamp Flange Door Stop and Keeper	FF-H-111	1252 x 1247C	US14 Fin.
B1051A	With Surface Keeper	FF-H-111	1252K	US25 Fin.
	With Clamp Flange Door Stop and Keeper	FF-H-111	1252 x 1247C	US25 Fin.
C1051	With Mortise Keeper	FF-H-111	1256K	US14 Fin.
	With Rim Keeper	FF-H-111	1256RK	US14 Fin.
C1051A	With Mortise Keeper	FF-H-111	1256K	US25 Fin.
	With Rim Keeper	FF-H-111	1256RK	US25 Fin.
1166A		FF-H-111	1233	US14 Fin.
1166B		FF-H-111	1233	US25 Fin.
2301		FF-H-116A	3005	As Specified
2301A		FF-H-116A	3055	As Specified
2302		FF-H-116A	4005	As Specified
2302A		FF-H-116A	4055	As Specified
2330		FF-H-116A	2041 3 to 12 in.	US 9 Fin.
2330A		FF-H-116A	2131 3 to 12 in.	US 9 Fin.
2331		FF-H-116A	2042 3 to 12 in.	US 9 Fin.
2331A		FF-H-116A	2132 3 to 12 in.	US 9 Fin.
2334	With Exterior Tension Adjustment (For Doors 1 1/8 to 2 1/2 inches thick)	FF-H-116A	G8041	US 9 Fin.
2390	With Internal Tension Adjustment (For Doors 1/8 to 2 1/2 inches thick)	FF-H-116A	4047	US 9 Fin.
4101		FF-H-136	2242A 1 1/4 in. Reverse (Adjustable 1 1/8 to 1 1/8)	US26 Fin.
4101A		FF-H-136	2244A 1 1/4 in. (Adjustable 1 1/8 to 1 1/8)	US26 Fin.
4102		FF-H-136	2842 1 1/4 in. Reverse	US26 Fin.
4102A		FF-H-136	2844 1 1/4 in.	US26 Fin.
4106		FF-H-136	F2222 Reverse	US26 Fin.
4106A		FF-H-136	F2224	US26 Fin.
4115		FF-H-136	2642 1 1/4 in. Reverse	US26 Fin.
4115A		FF-H-136	2644 1 1/4 in.	US26 Fin.
4140		FF-H-136	C4227S 1 1/4 in. Supplied with adjustable clamp flanges unless otherwise specified.	US26 Fin.
4200		FF-H-136	CG47227S 1 1/4 in. Supplied with adjustable clamp flanges unless otherwise specified.	US26 Fin.
4301		FF-H-136	1252K	US26 Fin.
4301A		FF-H-136	1252 x 1247C Supplied with adjustable clamp flange unless otherwise specified.	US26 Fin.
4302		FF-H-136	1260	US26 Fin.
4302A		FF-H-136	1260 x 1247C Supplied with adjustable clamp flange unless otherwise specified.	US26 Fin.
4309	With Oval Handle	FF-H-136	1250	US26 Fin.
	With "T" Handle	FF-H-136	1256	US26 Fin.
4315		FF-H-136	1253 Cut For 1250 or 1256 Bolt	US26 Fin.
4316		FF-H-136	D1253 Cut For 1250 or 1256 Bolt	US26 Fin.
4330		FF-H-136	1233	US26 Fin.
4331		FF-H-136	1234	US26 Fin.



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123½	18	260½	47	1233	39	1605	46	2135	44	G2271	10
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C6227M	33	J6391	20	7297	40	9112	15	12131	42	38005	45
CI6227M	33	NR6391	21	7317	40	9121	14	12211	42	38015	45
F6227M	33	JNR6391	21	7367	40	9122	15	12281	42	38175	45
P6227M	33	6395	41	7387	40	9131	14	12291	42	38185	45
C6227S	33	6397	40	7395	46	9132	15	12391	42	38215	45
CI6227S	33	6401	20	7397	40	9161	14	14005	41	38285	45
F6227S	33	J6401	20	7407	40	9162	15	14025	41	38395	45
P6227S	33	NR6401	21	7427	40	9171	14	14045	41	47007	35
6231	20	JNR6401	21	7987	40	9172	15	14055	41	47047	35
J6231	20	6405	41	7997	40	9181	14	14065	41	47057	35
NR6231	21	6407	40	8001	25	9182	15	14075	41	47187	35
JNR6231	21	6421	20	8005	45	9191	14	14115	41	47217	35
6235	41	J6421	20	8015	45	9192	15	14135	41	47227	35
6237	40	NR6421	21	8021	25	9211	14	14165	41	C47227S	35
6251	20	JNR6421	21	8041	25	9212	15	14175	41	CI47227S	35
J6251	20	6425	40	8051	25	9221	14	14185	41	F47227S	35
NR6251	21	6427	40	8061	25	9222	15	14195	41	P47227S	35
JNR6251	21	6981	20	8071	25	9231	14	14215	41	47287	35
6255	41	J6981	20	8091	25	9232	15	14225	41		
6257	40	NR6981	21	8111	25	9251	14	14235	41		
6261	20	JNR6981	21	8131	25	9252	15	14255	41		
J6261	20	6985	40	8161	25	9261	14	14265	41		
NR6261	21	6987	40	8171	25	9262	15	14275	41		
JNR6261	21	6991	20	8175	45	9271	14	14285	41		
6265	41	J6991	20	8181	25	9272	15	14295	41		
6267	40	NR6991	21	8185	45	9281	14	14315	41		
6271	20	JNR6991	21	8191	25	9282	15	14365	41		
J6271	20	6995	41	8211	25	9291	14	14385	41		
NR6271	21	6997	40	8215	45	9292	15	14395	41		
JNR6271	21	7005	46	8221	25	9311	14	14405	41		
6275	41	7007	40	8231	25	9312	15	14425	41		
6277	40	7027	40	8251	25	9361	14	14985	41		
6281	20	7047	40	8261	25	9362	15	14995	41		

## List of Finishes and Symbols

U. S. Standard Finish Symbol	C.S.H.Co. Finish Symbol	DESCRIPTION OF FINISHES AS APPLIED TO OUR PRODUCT	REMARKS
USP	USP	Primed (For Painting)	
US1B	US1B	Japanned, Bright Black	
US1D	US1D	Japanned, Dead Black	
US2C	US2C	Cadmium, Plated	
US2G	US2G	Zinc, Plated, Dull.....	{ Bureau of Standards indicates US2G finish as "Electro Galvanized." The process of electro galvanizing is electro plating with zinc.
US2H	US2H	Zinc, Hot Dipped, Natural.....	
US2S	US2S	Sherardized, Natural.....	{ We recommend using US2G finish for our products.
US3	US3	Brass, Plated or natural metal, Bright	
US4	US4	Brass, " " " " Dull	
US5	US5	Brass, Plated or natural metal, Oxidized and relieved uniformly, Dull.....	{ Bureau of Standards limits this finish to ornamental designs and suggests using US4 finish for plain hardware. Our US5 finish matches panel of ornamental designs.
US6	US6	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded	
US7	Use US6	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded.....	{ Bureau of Standards limits this finish to ornamental designs. US6 finish on plain hardware is used to match US7 finish on ornamental hardware.
US8	US8	Copper, Plated, Oxidized and relieved transversely, Bright.....	
US9	US9	Bronze, Plated or natural metal, Bright	{ Relieved portion bright copper, oxidized
US10	US10	Bronze, " " " " Dull	portion dark.
US11	US11	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Dull.....	{ Bureau of Standards limits this finish to ornamental designs and suggests using US10 finish for plain hardware. Our US11 finish matches panel of ornamental designs.
US12	US12	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded	
US13	Use US12	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded.....	{ Bureau of Standards limits this finish to ornamental designs. US12 finish on plain hardware is used to match US13 finish on ornamental hardware.
US14	US14	Nickel Plated, Bright	
US15	US15	Nickel Plated, Dull	
US16	US16	Nickel Plated, Sanded	
US17	Use US16	Nickel Plated, Sanded.....	{ Bureau of Standards limits this finish to ornamental designs. US16 finish on plain hardware is used to match US17 finish on ornamental hardware.
US18	US18	Bower Barff, Rustproof Black, Sanded	
US19	US19	Dull Black Plated, Oxidized, Sanded	
US20	US20	Statuary Bronze	
US20A	US20A	Statuary Bronze, Dark	
US21	US21	Statuary Bronze, Sanded	
US22	US22	Verde Antique	
US23	US23	Silver Plated, Oxidized and relieved uniformly, Dull	
US24	US24	Gold Plated, Dull	
US25	US25	White Bronze	
US26	US26	Chromium Plated, Bright	
US26D	US26D	Chromium Plated, Dull	

This list of finishes and symbols conforms to that issued by the United States Bureau of Standards.

Some of these finishes are limited to ornamental designs and are not applicable to plain hardware such as our product.

The term "oxidized and relieved uniformly" indicates that the entire surface has a slight cast of oxidization over it, with no mottling or striping.

"Oxidized and relieved transversely" indicates that the entire surface has been oxidized and the oxidization removed in stripes across the surface, so that the color of the plating or metal appears.

"Dull" indicates that the plating or metal is dull, not bright, but is not necessarily oxidized.

If a special finish is desired please send a sample or description.

## List of Comparative Finishes and Symbols

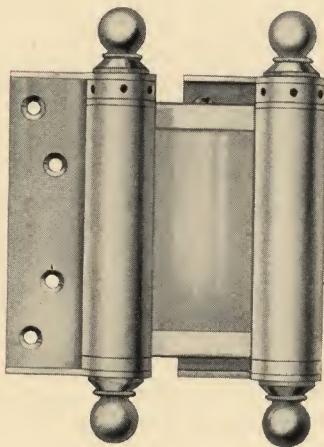
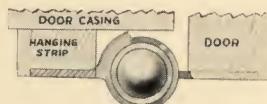
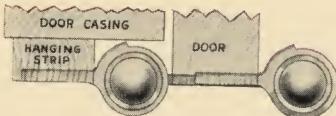
U. S. Standard Finish Symbol	DESCRIPTION OF FINISHES AS APPLIED TO OUR PRODUCT	Chicago Spring Hinge Co.	Corbin	Lock- wood	McKin- ney	Norwalk	Penn	Reading	Russwin	Sargent	Stanley	Yale	
USP	Primed (For Painting)	USP	J	PC	J	J	J	J	J	P	J	...	
US1B	Japanned, Bright, Black	US1B	J	J	DJ	DJ	DJ	DJ	J	J	J	DJ	
US1D	Japanned, Dead, Black	US1D	D	JF	CA	CA	CA	CA	J	J	J	...	
US2C	Cadmium Plated	US2C	G	Z	G	CM	CM	CM	K	K	K	...	
US2G	Zinc, Plated, Dull (Galvanized)	US2G	G	...	EG	EG	EG	EG	...	R	R	...	
US2H	Zinc, Hot Dipped, Natural	US2H	...	...	G	G	G	G	...	Z	Z	...	
US2S	Sherardized, Natural	US2S	...	...	S	...	...	...	...	C	AZ10	...	
US3	Brass, Plated or natural metal, Bright	US3	A	13 1/2	BP	BB	BB	BB	10	B	...	...	
US4	" " " Dull	US4	EA	13	OB	DB	DB	DB	9	OB	F	AY22	
US5	Brass, " " " Oxidized	US5 See Page 6	KA	43	XB	K3	DBR	DBR	9C	OE	F4	AY21	
US6	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded	US6	SKA	51	XBS	HK3	SB	SB	09C	RD	SF4	AX28	
US7	Brass, Plated or natural metal, Oxidized and relieved uniformly, Sanded	See Page 6	RKA	45	...	HK3L	SB9	333	09B	R7D	...	AX28 1/2	
US8	Copper Plated, Oxidized and relieved transversely, Bright	US8	R	7 1/2	AC	AC	24	7 1/2	AB	D2	CZ27	...	
US9	Bronze, Plated or natural metal, Bright	US9	B	1	B	BBZ	1	11	P	A	BZ10	...	
US10	Bronze, " " " Dull	US10	DB	34	DE	DBZ	7	11D	OP	A5	BY22	...	
US11	Bronze, " " " Oxidized	US11 See Page 6	HB	23	DX	DB3	DBZR	271	11C	06P	A4	BY21	...
US12	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded	US12	SHB	36 1/2	DXS	HDB3	SBZ	223	011C	RP	SA4	BX13	...
US13	Bronze, Plated or natural metal, Oxidized and relieved uniformly, Sanded	See Page 6	RHB	36	...	HDBL	SBZ9	225	4	R8P	...	BX13 1/2	
US14	Nickel Plated, Bright	US14	E	5	N	NP	BN	80	14	N	N	NZ10	...
US15	Nickel " Dull	US15	DE	90	ND	DN	DN	77	14	LN	N	NY10	...
US16	Nickel " Sanded	US16	SE	5S	NS	HNP	SN	78	...	BN	SN	NX10	...
US17	Nickel " " " Sanded	See Pg. 6	KE	5 1/2	...	HNPL	SN9	781	...	R7N	...	NX10 1/2	...
US18	Bower Barff, Rustproof Black, Sanded	US18	F	31	BB	RP	RP	87	46	BB	G	FX80	...
US19	Dull Black Plated, Oxidized, Sanded	US19	KF	6	EDB	HW	IRP	87 1/2	47	BN	H	F90	...
												Steel	...
												BX80	...
												Fze.	...
US20	Statuary Bronze	US20	*KB	38	YL	#2	BBZ4	222	2	A	B	BY25	...
US20A	Statuary " Dark	US20A	*LB	2	YM	2D	BBZ6	2	2D	A3B	BI	BY65	...
US21	Statuary " Sanded	US21	*SKB	38S	YLS	H2	BBZ4	223D	02	RA	SB	BX25	...
US22	Verde Antique	US22	V	85	V	VA	V	90	36	VA	V	BX67	...
US23	Silver Plated, Oxidized and relieved uniformly, Dull	US23	KS	72	PX	S	DSR	49	8C	LS	E4	SY52	...
US24	Gold Plated, Dull	US24	DG	80	DG	T	DG	57	19	G	...	GY10	...
US25	White Bronze	US25	NK	95	W	NM	White	81	44	EM	NM	NZ40	...
US26	Chromium Plated, Bright	US26	CR	96	C	CP	Bronze	CP	24	CM	CM	DZ10	...
US26D	Chromium " Dull	US26D	DGR	97	CD	DCP	DCH	DCP	34	DCM	CMD	DY10	...

NOTE—Our finish symbols are the same as U. S. Standard Finish Symbols. United States Bureau of Standards limits some finishes to ornamental designs. Our product being plain, we therefore do not list a comparative symbol for such finishes. See Page 6. Specify U. S. finish symbol also if exact match is required.

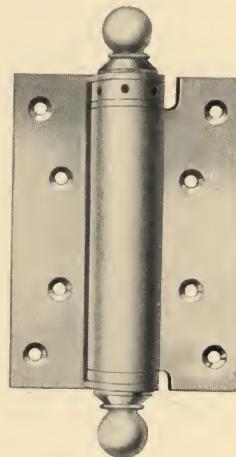
# Chicago "Triplex" Spring Butt-Hinge

(Three Leaf Type)

Hanging Strip Required



Double Acting  
Type 2001



Single Acting  
Type 2002

Applied to Jamb Hanging Strip

The Chicago "Triplex" Spring Butt-Hinge is designed in accordance with scientific principles and has distinctive and practical features. The appearance, finish and durability of this hinge distinguish it as "A Spring Hinge of Quality."



This type of Double Acting Hinge is desirable for outside doors, because it has two axis which give the door resistance against wind pressure when it is in closed position. It also has two springs, with tension adjustment and greater tension may be applied to close the door from one direction than the other. The design of this hinge allows the door to be opened 180 degrees, if other conditions permit.

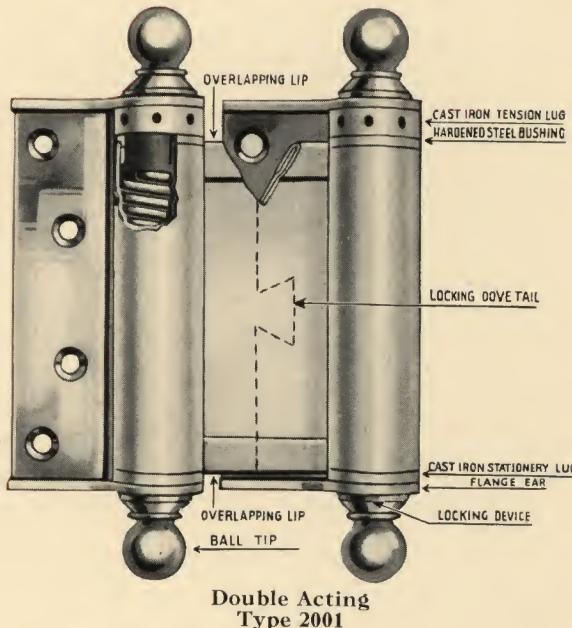
"Triplex" hinges are made of the best materials and the highest standards of workmanship are maintained in production.

The "Triplex" conforms to standards which have always been recognized by the industry as important to the application and use of spring hinges. These standards are the distance between axial centers and the location of screw holes, which must be maintained the same so as to avoid confusion and unnecessary expense when making replacements.

# Chicago "Triplex" Spring Butt-Hinge

(Three Leaf Type)

Hanging Strip Required



Double Acting  
Type 2001

**SPRINGS.**—Wire of the best tempered steel has been selected for the springs in Triplex Spring Hinges. These springs are of ample size and in proper proportion of length, diameter and gauge of wire.

**DISASSEMBLEMENT FEATURE.**—This feature originated on our product and has advantages and merit. Modern engineering has enabled us to improve our original locking device and the ball-tips are now retained securely by lock-washers of the most efficient type. Should occasion require that the hinge be taken apart, release the tension and unscrew the ball-tips with pliers or a vise. In reassembling the hinge it is essential that the parts be arranged as shown in illustration, in particular the flanges. With the tension lugs uppermost, the flange on the near side should open to the left.

**SPECIFYING.**—It is important that the proper size of hinge be specified to avoid the annoyance of doors not operating properly and the possibility of hinges breaking. The schedule given below will assist in selecting hinges which will be large enough to operate the doors efficiently.

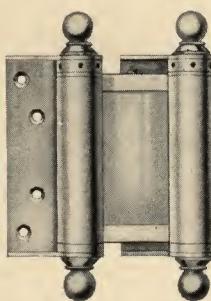
## SPECIFICATION SCHEDULE

Size of Hinge Length of Flange	Door Thickness	Hanging Strip Depth	DOORS			
			Thickness	Width	Thickness	Width
3 in.	3/4 to 1 in.	5/8 in.	3/4 in.	2 ft. to 1 in.	2 ft. to 1 in.	2 ft. 0 in.
4 in.	7/8 to 1 1/4 in.	5/8 in.	7/8 in.	2 ft. 2 in. to 1 1/4 in.	2 ft. 2 in. to 1 1/2 in.	2 ft. 0 in.
5 in.	1 1/8 to 1 1/2 in.	3/4 in.	1 1/8 in.	2 ft. 4 in. to 1 1/2 in.	2 ft. 4 in. to 1 3/4 in.	2 ft. 2 in.
6 in.	1 1/4 to 1 3/4 in.	7/8 in.	1 1/4 in.	2 ft. 6 in. to 1 3/4 in.	2 ft. 6 in. to 1 3/4 in.	2 ft. 4 in.
7 in.	1 3/8 to 2 in.	1 in.	1 3/8 in.	2 ft. 8 in. to 2 in.	2 ft. 8 in. to 2 in.	2 ft. 6 in.
8 in.	1 1/2 to 2 1/4 in.	1 in.	1 1/2 in.	2 ft. 10 in. to 2 1/4 in.	2 ft. 10 in. to 2 1/4 in.	2 ft. 8 in.
10 in.	1 3/4 to 2 1/2 in.	1 1/8 in.	1 3/4 in.	3 ft. 0 in. to 2 1/2 in.	3 ft. 0 in. to 2 1/2 in.	2 ft. 10 in.
12 in.	2 1/4 to 3 in.	1 1/4 in.	2 1/4 in.	3 ft. 2 in. to 3 in.	3 ft. 2 in. to 3 in.	0 in.

This schedule is for inside doors, made of soft wood, and not weighted with plate glass or heavy hardware.

For outside doors, subject to draft; heavy doors of hardwood or doors weighted with plate glass or hardware, we suggest the use of three hinges to a door or two of the largest hinges which the thickness of the door will allow.

A narrow high door is much easier to swing than a wide low door of the same weight or thickness.



# Chicago "Triplex" Spring Butt-Hinges

Double Acting

Type 2001

Hanging Strip Required

Length of Flange	INCHES								
	3	4	5	6	7	8	10	12	14
For Doors	3/4 to 1	7/8 to 1 1/4	1 1/8 to 1 1/2	1 1/4 to 1 3/4	1 3/8 to 2	1 1/2 to 2 1/4	1 3/4 to 2 1/2	2 1/4 to 3	1 1/4 to 2 1/2

STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR									Special Wide Web Type G2001
Dead Black..... Japanned	2001	US1D	\$ 3.70	\$ 4.40	\$ 5.20	\$ 6.40	\$ 8.20	\$11.90	\$16.40	\$21.90	\$ 8.20	
Primed..... For Painting	2011	USP	"	"	"	"	"	"	"	"	"	
Brass, Bright..... Plated	2111	US3	5.00	6.00	7.00	8.90	11.50	16.40	22.60	30.10	11.50	
Brass, Dull.....	2281	US4	"	"	"	"	"	"	"	"	"	
Brass, O'xd, Dull.....	2271	US5	"	"	"	"	"	"	"	"	"	
Bronze, Bright.....	2131	US9	"	"	"	"	"	"	"	"	"	
Bronze, Dull.....	2291	US10	"	"	"	"	"	"	"	"	"	
Bronze, Ox'd, Dull.....	2231	US11	"	"	"	"	"	"	"	"	"	
Statuary Bronze.....	2311	US20	"	"	"	"	"	"	"	"	"	
Copper, Ox'd, Bright.....	2171	US8	"	"	"	"	"	"	"	"	"	
*Zinc, Dull (Galvanized).....	2391	US2G	"	"	"	"	"	"	"	"	"	
Nickel, Bright.....	2211	US14	6.60	7.90	9.50	11.50	14.80	20.40	27.90	36.00	14.80	
Nickel, Dull.....	2021	US15	"	"	"	"	"	"	"	"	"	
Nickel, Sanded.....	2181N	US16	"	"	"	"	"	"	"	"	"	
Brass, Ox'd, Sanded.....	2181OB	US6	"	"	"	"	"	"	"	"	"	
Bronze, Ox'd, Sanded.....	2181OBZ	US12	"	"	"	"	"	"	"	"	"	
Statuary Bronze, Sanded.....	2181SB	US21	"	"	"	"	"	"	"	"	"	
Dull Blk. (Ox'd), Sanded.....	2161	US19	"	"	"	"	"	"	"	"	"	
Bower Barff.....	2121	US18	7.90	9.50	11.40	13.80	17.80	24.50	33.50	43.20	17.80	
Chromium, Bright..... Plated	2991	US26	See note									
Chromium, Dull.....	2981	US26D	"	"								
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.											
Brass Metal, Bright.....	2051	US3	\$13.20	\$15.00	\$18.40	\$22.80	\$29.00	\$39.00	\$52.90	\$82.50	\$29.00	
Bronze " Dull .....	2041	US9	"	"	"	"	"	"	"	"	"	
Brass " Dull .....	2071	US4	14.60	16.80	20.30	25.00	31.90	42.90	57.90	88.70	31.90	
Brass " Oxidized, Dull .....	2191	US5	"	"	"	"	"	"	"	"	"	
Bronze " Dull .....	2061	US10	"	"	"	"	"	"	"	"	"	
Bronze " Oxidized, Dull .....	2251	US11	"	"	"	"	"	"	"	"	"	
Bronze " Statuary.....	2361	US20	"	"	"	"	"	"	"	"	"	
Brass " Ox'd Cop'r... Plated	2091	US8	"	"	"	"	"	"	"	"	"	
Brass " Br't Nickel .....	2221	US14	"	"	"	"	"	"	"	"	"	
Brass " Dull Nickel .....	2261	US15	"	"	"	"	"	"	"	"	"	
Brass " Nkl., Sanded, .....	2381N	US16	"	"	"	"	"	"	"	"	"	
Brass " Ox'd, Sanded.....	2381OB	US6	"	"	"	"	"	"	"	"	"	
Bronze " " .....	2381OBZ	US12	"	"	"	"	"	"	"	"	"	
Bronze " Statuary, Sanded.....	2381SB	US21	"	"	"	"	"	"	"	"	"	
Brass " Br't Chrom. Plated	2401	US26	See note									
Brass " Dull Chromium .....	2421	US26D	"	"								

\*Special wide web type for gates with handrail of 3 1/2 inches maximum width. Prefix G to number when ordering.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

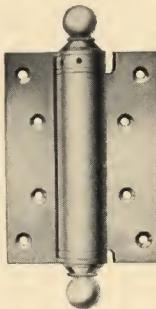
Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 54.



# Chicago "Triplex" Spring Butt-Hinges



## Single Acting Type 2002 Hanging Strip Required

Length of Flange	INCHES									Special Wide Web Type G2002
	3	4	5	6	7	8	10	12	15	
For Doors	3/4 to 1	7/8 to 1 1/4	1 1/8 to 1 1/2	1 1/4 to 1 3/4	1 3/8 to 2	1 1/2 to 2 1/4	1 3/4 to 2 1/2	2 1/4 to 3	2 1/4 to 2 1/2	

STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR								
Dead Black.....Japanned	2002	US1D	\$ 2.20	\$ 2.70	\$ 3.10	\$ 3.80	\$ 4.90	\$ 7.10	\$ 9.90	\$ 13.10	\$ 3.80
Primed.....For Painting	2012	USP	"	"	"	"	"	"	"	"	"
Brass, Bright.....Plated	2112	US3	2.90	3.60	4.20	5.30	6.90	9.90	13.50	18.10	5.30
Brass, Dull....."	2282	US4	"	"	"	"	"	"	"	"	"
Brass, Ox'd, Dull....."	2272	US5	"	"	"	"	"	"	"	"	"
Bronze, Bright....."	2132	US9	"	"	"	"	"	"	"	"	"
Bronze, Dull....."	2292	US10	"	"	"	"	"	"	"	"	"
Bronze, Ox'd, Dull....."	2232	US11	"	"	"	"	"	"	"	"	"
Statuary Bronze....."	2312	US20	"	"	"	"	"	"	"	"	"
Copper, Ox'd, Bright....."	2172	US8	"	"	"	"	"	"	"	"	"
*Zinc, Dull (Galvanized)...."	2392	US2G	"	"	"	"	"	"	"	"	"
Nickel, Bright....."	2212	US14	4.00	4.70	5.70	6.90	8.90	12.20	16.70	21.60	6.90
Nickel, Dull....."	2022	US15	"	"	"	"	"	"	"	"	"
Nickel, Sanded....."	2182N	US16	"	"	"	"	"	"	"	"	"
Brass, Ox'd, Sanded....."	2182OB	US6	"	"	"	"	"	"	"	"	"
Bronze, Ox'd, Sanded....."	2182OBZ	US12	"	"	"	"	"	"	"	"	"
Statuary Bronze, Sanded..	2182SB	US21	"	"	"	"	"	"	"	"	"
Dull Blk. (Ox'd), Sanded..	2162	US19	"	"	"	"	"	"	"	"	"
Bower Barff.....	2122	US18	4.80	5.60	6.80	8.30	10.70	14.60	20.00	25.90	8.30
Chromium, Bright.....Plated	2992	US26	See note								
Chromium, Dull....."	2982	US26D	"	"							

BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.										
Brass Metal, Bright.....	2052	US3	\$ 7.30	\$ 8.90	\$ 10.80	\$ 13.70	\$ 17.40	\$ 23.40	\$ 31.70	\$ 49.40	\$ 13.70
Bronze " "	2042	US9	"	"	"	"	"	"	"	"	"
Brass " Dull.....	2072	US4	8.10	9.90	11.90	15.00	19.10	25.70	34.70	53.20	15.00
Brass " Oxidized, Dull....	2192	US5	"	"	"	"	"	"	"	"	"
Bronze " Dull.....	2062	US10	"	"	"	"	"	"	"	"	"
Bronze " Oxidized, Dull....	2252	US11	"	"	"	"	"	"	"	"	"
Bronze " Statuary.....	2362	US20	"	"	"	"	"	"	"	"	"
Brass " Ox'd Cop'r...Plated	2092	US8	"	"	"	"	"	"	"	"	"
Brass " Br't Nickel... "	2222	US14	"	"	"	"	"	"	"	"	"
Brass " Dull Nickel... "	2262	US15	"	"	"	"	"	"	"	"	"
Brass " Nkl, Sanded, "	2382N	US16	"	"	"	"	"	"	"	"	"
Brass " Ox'd, Sanded....	2382OB	US6	"	"	"	"	"	"	"	"	"
Bronze " " "	2382OBZ	US12	"	"	"	"	"	"	"	"	"
Bronze " Statuary, Sanded...	2382SB	US21	"	"	"	"	"	"	"	"	"
Brass " Br't Chrom. Plated	2402	US26	See note								
Brass " Dull Chromium "	2422	US26D	"	"							

\*Special wide web type for gates with handrail of 4 inches maximum width. Prefix G to number when ordering.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

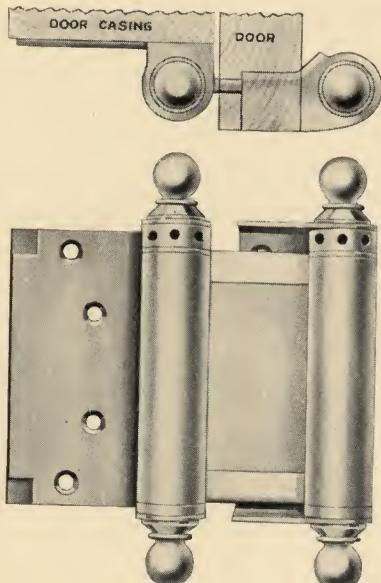
Single Acting Hinges, when so ordered, will be furnished with reverse acting springs to hold the door open.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 54.

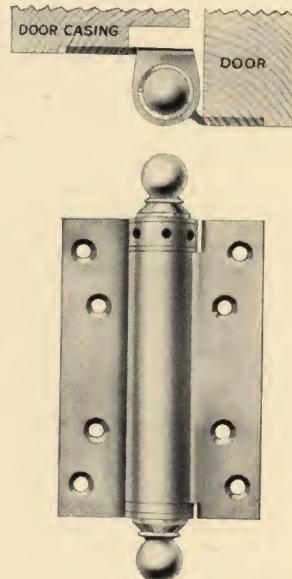
# Chicago "Simplex" Spring Butt-Hinge

(Simple Application)

No Hanging Strip Required



Double Acting  
Type 9001



Single Acting  
Type 9002

Applied Directly to Door Casing

The Chicago "Simplex" Spring Butt-Hinge is designed to be applied directly to the door casing without the use of a Jamb Hanging Strip.



This type of Double Acting Hinge is applied with the entire thickness mortised into the door and the Jamb Flange attached to the surface of the door casing without any mortise cut being made. Application by this method is both simple and economical.

"Simplex" Spring Hinges are made to the same recognized standards as the "Triplex." The distance between axial centers, location of screw holes, length of mortise cut, size of springs and barrels, straight web made in multiple thickness, all are identical with the "Triplex," the standards of which have been recognized for many years.

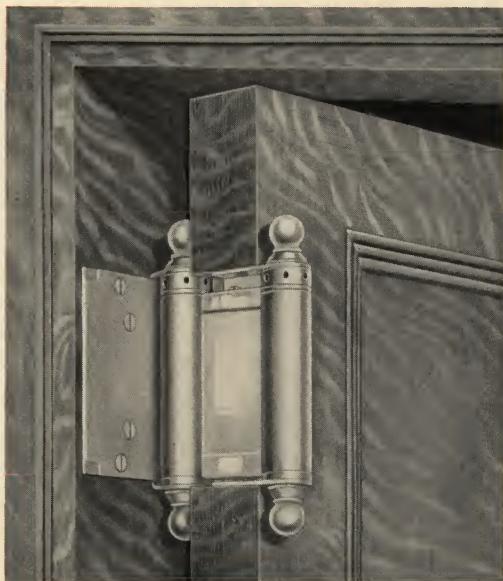
The Single Acting Hinge is applied with the Jamb Flange mortised into the jamb and the Door Flange into the door, just as Single Acting Springless Butt-Hinges of standard make are applied. The Jamb Flange is flat so that the barrel of the hinge will not interfere with the architrave or the door casing. If desired, the entire thickness of the hinge may be mortised into the door and the Jamb Flange applied to the surface of the jamb.

This hinge is made of the best materials, and highest standards of workmanship are maintained in the production.

# Chicago "Simplex" Spring Butt-Hinge

(Simple Application)

## No Hanging Strip Required



Double Acting  
Type 9001

**SPRINGS.**—Wire of the best tempered steel has been selected for the springs in Simplex Spring Hinges. These springs are of ample size and in proper proportion of length, diameter and gauge of wire.

**DISASSEMBLEMENT FEATURE.**—This feature originated on our product and has advantages and merit. Modern engineering has enabled us to improve our original locking device and the ball-tips are now retained securely by lock washers of the most efficient type. Should occasion require that the hinge be taken apart, release the tension and unscrew the ball-tips with pliers or a vise. In reassembling the hinge it is essential that the parts be arranged as shown in illustration, in particular the flanges. With the tension lugs uppermost, the flange on the near side should open to the left.

**SPECIFYING.**—It is important that the proper size of hinge be specified to avoid the annoyance of doors not operating properly and the possibility of hinges breaking. The schedule given below will assist you in selecting hinges which will be large enough to operate the door efficiently.

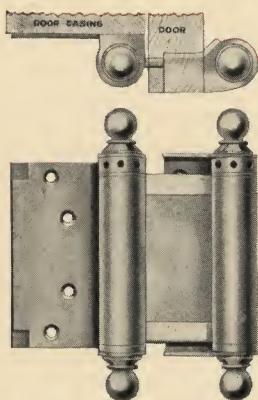
## Specification Schedule

Size of Hinge	Door		DOORS			
	Length of Door Flange	Thickness	Thickness	Width	Thickness	Width
3 in.		3/4 to 1 in.		3/4 in. x 2 ft.	2 in. to 1 in.	x 2 ft. 0 in.
4 in.		7/8 to 1 1/4 in.		7/8 in. x 2 ft.	2 in. to 1 1/4 in.	x 2 ft. 0 in.
5 in.		1 1/8 to 1 1/2 in.		1 1/8 in. x 2 ft.	4 in. to 1 1/2 in.	x 2 ft. 2 in.
6 in.		1 1/4 to 1 1/4 in.		1 1/4 in. x 2 ft.	6 in. to 1 3/4 in.	x 2 ft. 4 in.
7 in.		1 3/8 to 1 7/8 in.		1 3/8 in. x 2 ft.	8 in. to 1 7/8 in.	x 2 ft. 6 in.
8 in.		1 3/4 to 2 in.		1 3/4 in. x 2 ft.	10 in. to 2 in.	x 2 ft. 8 in.
10 in.		1 3/4 to 2 1/2 in.		1 3/4 in. x 3 ft.	0 in. to 2 1/2 in.	x 2 ft. 10 in.

This schedule is for inside doors, made of soft wood, and not weighted with plate glass or heavy hardware.

For outside doors, subject to draft, heavy doors of hardwood or doors weighted with plate glass or hardware, we suggest the use of three hinges to a door or two of the largest hinges which the thickness of the door will allow.

A narrow high door is much easier to swing than a wide low door of the same weight or thickness.



# Chicago "Simplex" Spring Butt-Hinges

## Double Acting

Type 9001

No Hanging Strip Required

Length of Flange	INCHES						
	3	4	5	6	7	8	10
For Doors	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{8}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{3}{8}$ to $1\frac{7}{8}$	$1\frac{3}{4}$ to 2	$1\frac{3}{4}$ to $2\frac{1}{2}$

STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR																																	
			9001	9011	9111	9281	9271	9131	9291	9231	9311	9171	9391	9211	9021	9181N	9181OB	9181OBZ	9181SB	9161	9121	9991	9981													
Dead Black.....		US1D	\$ 3.70	\$ 4.40	\$ 5.20	\$ 6.40	\$ 8.20	\$ 11.90	\$ 16.40																											
Primed.....		USP	"	"	"	"	"	"	"																											
Brass, Bright.....		US3	5.00	6.00	7.00	8.90	11.50	16.40	22.60																											
Brass, Dull.....		US4	"	"	"	"	"	"	"																											
Brass, Oxidized, Dull.....		US5	"	"	"	"	"	"	"																											
Bronze, Bright.....		US9	"	"	"	"	"	"	"																											
Bronze, Dull.....		US10	"	"	"	"	"	"	"																											
Bronze, Oxidized, Dull.....		US11	"	"	"	"	"	"	"																											
Statuary Bronze.....		US20	"	"	"	"	"	"	"																											
Copper, Oxidized, Bright.....		US8	"	"	"	"	"	"	"																											
*Zinc, Dull (Galvanized).....		US2G	"	"	"	"	"	"	"																											
Nickel, Bright.....		US14	6.60	7.90	9.50	11.50	14.80	20.40	27.90																											
Nickel, Dull.....		US15	"	"	"	"	"	"	"																											
Nickel, Sanded.....		US16	"	"	"	"	"	"	"																											
Brass, Oxidized, Sanded.....		US6	"	"	"	"	"	"	"																											
Bronze, ".....		US12	"	"	"	"	"	"	"																											
Statuary Bronze, ".....		US21	"	"	"	"	"	"	"																											
Dull Black (Oxidized), Sanded.....		US19	"	"	"	"	"	"	"																											
Bower Barff.....		US18	7.90	9.50	11.40	13.80	17.80	24.50	33.50																											
Chromium, Bright.....		US26	See note																																	
Chromium, Dull.....		US26D	"	"																																
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)																																				
	No.		9051	9041	9071	9191	9061	9251	9361	9091	9221	9261	9381N	9381OB	9381OBZ	9381SB	9381ISB	9401	9421	US3	US9	US4	US5	US10	US11	US20	US8	US14	US15	US16	US10	US12	US21	US21	US26	US26D
Brass Metal, Bright.....			\$13.20	\$15.00	\$18.40	\$22.80	\$29.00	\$39.00	\$52.90																											
Bronze, ".....			"	"	"	"	"	"	"																											
Brass, " Dull.....			14.60	16.80	20.30	25.00	31.90	42.90	57.90																											
Brass, " Oxidized, Dull.....			"	"	"	"	"	"	"																											
Bronze, " Dull.....			"	"	"	"	"	"	"																											
Bronze, " Oxidized, Dull.....			"	"	"	"	"	"	"																											
Bronze, " Statuary.....			"	"	"	"	"	"	"																											
Brass, " Ox'd Copper.....			"	"	"	"	"	"	"																											
Brass, " Bright Nickel.....			"	"	"	"	"	"	"																											
Brass, " Dull Nickel.....			"	"	"	"	"	"	"																											
Brass, " Nickel, Sanded.....			"	"	"	"	"	"	"																											
Brass, " Ox'd, Sanded.....			"	"	"	"	"	"	"																											
Bronze, " ".....			"	"	"	"	"	"	"																											
Bronze, " Statuary, Sanded.....			"	"	"	"	"	"	"																											
Brass, " Br't Chromium.....			"	"	"	"	"	"	"																											
Brass, " Dull Chromium.....			"	"	"	"	"	"	"																											

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

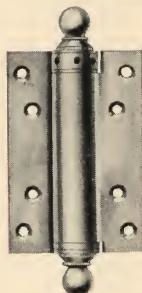
For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 55.



# Chicago "Simplex" Spring Butt-Hinges

## Single Acting

Type 9002

No Hanging Strip Required

Length of Flange	INCHES						
	3	4	5	6	7	8	10
For Doors	$\frac{3}{4}$ to 1	$\frac{7}{8}$ to $1\frac{1}{4}$	$1\frac{1}{8}$ to $1\frac{1}{2}$	$1\frac{1}{4}$ to $1\frac{3}{4}$	$1\frac{3}{8}$ to $1\frac{7}{8}$	$1\frac{3}{4}$ to 2	$1\frac{3}{4}$ to $2\frac{1}{2}$

STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER PAIR						
Dead Black.....	9002	US1D	\$ 2.20	\$ 2.70	\$ 3.10	\$ 3.80	\$ 4.90	\$ 7.10	\$ 9.90
Primed..... For Painting	9012	USP	"	"	"	"	"	"	"
Brass, Bright..... Plated	9112	US3	2.90	3.60	4.20	5.30	6.90	9.90	13.50
Brass, Dull..... "	9282	US4	"	"	"	"	"	"	"
Brass, Oxidized, Dull..... "	9272	US5	"	"	"	"	"	"	"
Bronze, Bright..... "	9132	US9	"	"	"	"	"	"	"
Bronze, Dull..... "	9292	US10	"	"	"	"	"	"	"
Bronze, Oxidized, Dull..... "	9232	US11	"	"	"	"	"	"	"
Statuary Bronze..... "	9312	US20	"	"	"	"	"	"	"
Copper, Oxidized, Bright..... "	9172	US8	"	"	"	"	"	"	"
*Zinc, Dull (Galvanized)..... "	9392	US2G	"	"	"	"	"	"	"
Nickel, Bright..... "	9212	US14	4.00	4.70	5.70	6.90	8.90	12.20	16.70
Nickel, Dull..... "	9022	US15	"	"	"	"	"	"	"
Nickel, Sanded..... "	9182N	US16	"	"	"	"	"	"	"
Brass, Oxidized, Sanded..... "	9182OB	US6	"	"	"	"	"	"	"
Bronze " " "	9182OBZ	US12	"	"	"	"	"	"	"
Statuary Bronze, " " "	9182SB	US21	"	"	"	"	"	"	"
Dull Black (Oxidized), Sanded..... "	9162	US19	"	"	"	"	"	"	"
Bower Barff.....	9122	US18	4.80	5.60	6.80	8.30	10.70	14.60	20.00
Chromium, Bright..... Plated	9992	US26	See note						
Chromium, Dull..... "	9982	US26D	"	"					

BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.								
Brass Metal, Bright.....	9052	US3	\$ 7.30	\$ 8.90	\$ 10.80	\$ 13.70	\$ 17.40	\$ 23.40	\$ 31.70
Bronze " " "	9042	US9	"	"	"	"	"	"	"
Brass " Dull.....	9072	US4	8.10	9.90	11.90	15.00	19.10	25.70	34.70
Brass " Oxidized, Dull.....	9192	US5	"	"	"	"	"	"	"
Bronze " Dull.....	9062	US10	"	"	"	"	"	"	"
Bronze " Oxidized, Dull.....	9252	US11	"	"	"	"	"	"	"
Bronze " Statuary.....	9362	US20	"	"	"	"	"	"	"
Brass " Ox'd Copper..... Plated	9092	US8	"	"	"	"	"	"	"
Brass " Bright Nickel..... "	9222	US14	"	"	"	"	"	"	"
Brass " Dull Nickel..... "	9262	US15	"	"	"	"	"	"	"
Brass " Nickel, Sanded..... "	9382N	US16	"	"	"	"	"	"	"
Brass " Ox'd Sanded.....	9382OB	US6	"	"	"	"	"	"	"
Bronze " " ".....	9382OBZ	US12	"	"	"	"	"	"	"
Bronze " Statuary, Sanded.....	9382SB	US21	"	"	"	"	"	"	"
Brass " Br't Chromium..... Plated	9402	US26	See note						
Brass " Dull Chromium..... "	9422	US26D	"	"					

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

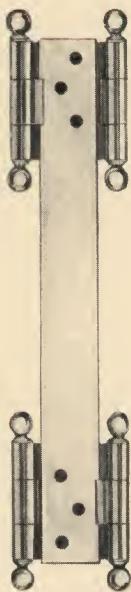
In ordering, always state "Number" and "Size."

Single Acting Hinges, when so ordered, will be furnished with reverse acting springs to hold the door open.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60. Detail drawing with measurements, page 55.

# Chicago Spring Butt-Hinge and Springless Butt-Hinge

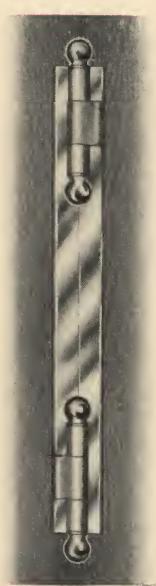
Double Acting



Type 1 1/2



Type 3 1/2



Type 1 1/2

## Spring Power for Heavy Service

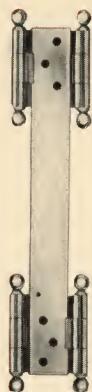
The "Chicago" Spring Butt-Hinge is designed with a large powerful spring, which is concealed when the door is closed, and is especially recommended for large doors subject to heavy and frequent service. Although it has a large powerful spring the hinge presents a neat and finished appearance because the projections beyond the surface of the door are small.

When doors are narrow, and located inside, considerable economy will result from using one of these powerful spring hinges at the top and a springless hinge at the bottom. The spring hinge will prevent the door from sagging and will also provide ample spring power for closing it. Outside doors, subject to air pressure, should be hung with a pair of spring hinges.

A double acting hinge of this type is very desirable for outside doors, because it has two axis and great spring power, therefore the door offers resistance against air pressure when it is in closed position.

Narrow high doors do not require as much spring power as wide low doors of the same weight.

# Chicago Spring Butt-Hinges



## Double Acting

### Type 1½

Thickness of Door	INCHES					
	½ to 1	1½ to 1¼	1¾ to 1½	1¾ to 2	2¼ to 2½	2¾ to 3
	PRICES PER PAIR					
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol				
Dead Black..... Japanned	1½	US1D	\$ 3.70	\$ 4.40	\$ 5.20	\$ 7.40
Brass, Bright..... Plated	111½	US3	5.00	6.00	7.00	10.20
Brass, Dull..... "	281½	US4	"	"	"	19.60
Brass, Oxidized, Dull..... "	271½	US5	"	"	"	30.10
Bronze, Bright..... "	131½	US9	"	"	"	"
Bronze, Dull..... "	291½	US10	"	"	"	"
Bronze, Oxidized, Dull..... "	231½	US11	"	"	"	"
Statuary Bronze..... "	311½	US20	"	"	"	"
Copper, Oxidized, Bright..... "	171½	US8	"	"	"	"
*Zinc, Dull (Galvanized)..... "	391½	US2G	"	"	"	"
Nickel, Bright..... "	211½	US14	6.60	7.90	9.50	13.20
Nickel, Dull..... "	21½	US15	"	"	"	24.20
Nickel, Sanded..... "	181½N	US16	"	"	"	"
Brass, Oxidized, Sanded..... "	181½OB	US6	"	"	"	"
Bronze, "..... "	181½OBZ	US12	"	"	"	"
Statuary Bronze, "..... "	181½SB	US21	"	"	"	"
Dull Black (Oxidized), Sanded..... "	161½	US19	"	"	"	"
Bower Barff.....	121½	US18	7.90	9.50	11.40	15.80
Chromium, Bright..... Plated	991½	US26	See note			29.00
Chromium, Dull..... "	981½	US26D	"	"		43.20
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.					
Brass Metal, Bright.....	51	US3	\$13.20	\$15.00	\$18.40	\$26.00
Bronze ".....	41	US9	"	"	"	\$46.00
Brass "..... Dull.....	71	US4	14.60	16.80	20.30	28.40
Brass "..... Oxidized, Dull.....	191	US5	"	"	"	50.40
Bronze "..... Dull.....	61	US10	"	"	"	"
Bronze "..... Oxidized, Dull.....	251	US11	"	"	"	"
Bronze "..... Statuary.....	361	US20	"	"	"	"
Brass "..... Oxidized Copper..... Plated	91	US8	"	"	"	"
Brass "..... Bright Nickel.....	221	US14	"	"	"	"
Brass "..... Dull Nickel.....	261	US15	"	"	"	"
Brass "..... Nickel, Sanded.....	381N	US16	"	"	"	"
Brass "..... Oxidized, Sanded.....	381OB	US6	"	"	"	"
Bronze "..... ".....	381OBZ	US12	"	"	"	"
Bronze "..... Statuary, Sanded.....	381SB	US21	"	"	"	"
Brass "..... Bright Chromium..... Plated	401	US26	See note			
Brass "..... Dull Chromium..... "	421	US26D	"	"		

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size".

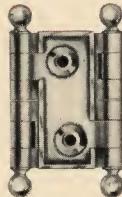
For list of Springless Butt-Hinges and of Spring and Springless Butt-Hinges in sets see pages 18 and 19.

Brass and Bronze metal hinges are cast, with steel bushed bearings.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60.

# Chicago Springless Butt-Hinges

## Double Acting



### Type 3½

STEEL PLANISHED (Description of Finishes, Page 6)	No.	Thickness of Door	INCHES					
			7/8 to 1	1 1/8 to 1 1/4	1 3/8 to 1 1/2	1 3/4 to 2	2 1/4 to 2 1/2	2 3/4 to 3
Dead Black.....	3½	US1D	\$ 1.90	\$ 2.20	\$ 2.60	\$ 3.70	\$ 7.10	\$10.90
Brass, Bright.....	113½	US3	2.50	3.00	3.50	5.10	9.80	15.10
Brass, Dull.....	283½	US4	"	"	"	"	"	"
Brass, Oxidized, Dull.....	273½	US5	"	"	"	"	"	"
Bronze, Bright.....	133½	US9	"	"	"	"	"	"
Bronze, Dull.....	293½	US10	"	"	"	"	"	"
Bronze, Oxidized, Dull.....	233½	US11	"	"	"	"	"	"
Statuary Bronze.....	313½	US20	"	"	"	"	"	"
Copper, Oxidized, Bright.....	173½	US8	"	"	"	"	"	"
*Zinc, Dull (Galvanized).....	393½	US2G	"	"	"	"	"	"
Nickel, Bright.....	213½	US14	3.30	4.00	4.80	6.60	12.10	18.00
Nickel, Dull.....	23½	US15	"	"	"	"	"	"
Nickel, Sanded.....	183½N	US16	"	"	"	"	"	"
Brass, Oxidized, Sanded.....	183½OB	US6	"	"	"	"	"	"
Bronze, Oxidized,.....	183½OBZ	US12	"	"	"	"	"	"
Statuary Bronze,.....	183½SB	US21	"	"	"	"	"	"
Dull Black (Oxidized), Sanded.....	163½	US19	"	"	"	"	"	"
Bower Barff.....	123½	US18	4.00	4.80	5.80	7.90	14.50	21.60
Chromium, Bright.....	993½	US26	See note					
Chromium, Dull.....	983½	US26D	"	"				
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)								
Brass Metal, Bright.....	53	US3	\$ 6.60	\$ 7.50	\$ 9.20	\$13.00	\$23.00	\$41.20
Bronze ".....	43	US9	"	"	"	"	"	"
Brass " Dull.....	73	US4	7.30	8.40	10.20	14.20	25.20	44.30
Brass " Oxidized, Dull.....	193	US5	"	"	"	"	"	"
Bronze " Dull.....	63	US10	"	"	"	"	"	"
Bronze " Oxidized, Dull.....	253	US11	"	"	"	"	"	"
Bronze " Statuary.....	363	US20	"	"	"	"	"	"
Brass " Oxidized Copper.....	93	US8	"	"	"	"	"	"
Brass " Bright Nickel.....	223	US14	"	"	"	"	"	"
Brass " Dull Nickel.....	263	US15	"	"	"	"	"	"
Brass " Nickel, Sanded.....	383N	US16	"	"	"	"	"	"
Brass " Oxidized, Sanded.....	383OB	US6	"	"	"	"	"	"
Bronze " ".....	383OBZ	US12	"	"	"	"	"	"
Bronze " Statuary, Sanded.....	383SB	US21	"	"	"	"	"	"
Brass " Bright Chromium.....	403	US26	See note					
Brass " Dull Chromium.....	423	US26D	"	"				

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.  
For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

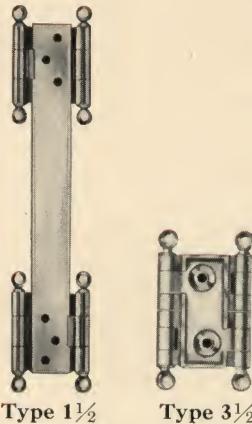
Packed one pair in a box, with screws of same finish and instructions for applying.

In ordering, always state "Number" and "Size."

For list of Chicago Spring Butt-Hinges, see page 17.

The Brass and Bronze metal hinges are cast.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60.



# Chicago

## Spring and Springless Butt-Hinges

### Double Acting

### Type 1 1/2 and 3 1/2

Thickness of Door	INCHES							
	1/8 to 1	1 1/8 to 1 1/4	1 3/8 to 1 1/2	1 3/4 to 2	2 1/4 to 2 1/2	2 3/4 to 3		
	U. S. Standard Finish Symbol	PRICES PER SET						
STEEL PLANISHED (Description of Finishes, Page 6)	No.							
Dead Black..... Japanned	1 1/2-3 1/2	US1D	\$ 2.80	\$ 3.30	\$ 3.90	\$ 5.60	\$ 10.70	\$ 16.40
Brass, Bright..... Plated	111 1/2-113 1/2	US3	3.80	4.50	5.30	7.70	14.70	22.60
Brass, Dull..... "	281 1/2-283 1/2	US4	"	"	"	"	"	"
Brass, Oxidized, Dull..... "	271 1/2-273 1/2	US5	"	"	"	"	"	"
Bronze, Bright..... "	131 1/2-133 1/2	US9	"	"	"	"	"	"
Bronze, Dull..... "	291 1/2-293 1/2	US10	"	"	"	"	"	"
Bronze, Oxidized, Dull..... "	231 1/2-233 1/2	US11	"	"	"	"	"	"
Statuary Bronze..... "	311 1/2-313 1/2	US20	"	"	"	"	"	"
Copper, Oxidized, Bright..... "	171 1/2-173 1/2	US8	"	"	"	"	"	"
*Zinc, Dull (Galvanized)..... "	391 1/2-393 1/2	US2G	"	"	"	"	"	"
Nickel, Bright..... "	211 1/2-213 1/2	US14	5.00	6.00	7.20	9.90	18.20	27.00
Nickel, Dull..... "	21 1/2-23 1/2	US15	"	"	"	"	"	"
Nickel, Sanded..... "	181 1/2N-183 1/2N	US16	"	"	"	"	"	"
Brass, Oxidized, Sanded..... "	181 1/2OB-183 1/2OB	US6	"	"	"	"	"	"
Bronze, Oxidized "..... "	181 1/2OBZ-183 1/2OBZ	US12	"	"	"	"	"	"
Statuary Bronze, "..... "	181 1/2SB-183 1/2SB	US21	"	"	"	"	"	"
Dull Black (Oxidized), Sanded..... "	161 1/2-163 1/2	US19	"	"	"	"	"	"
Bower Barff.....	121 1/2-123 1/2	US18	6.00	7.20	8.60	11.90	21.80	32.40
Chromium, Bright..... Plated	991 1/2-993 1/2	US26	See note					
Chromium, Dull..... "	981 1/2-983 1/2	US26D	"	"				
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.							
Brass Metal, Bright.....	51-53	US3	\$ 9.90	\$ 11.30	\$ 13.80	\$ 19.50	\$ 34.50	\$ 61.90
Bronze ".....	41-43	US9	"	"	"	"	"	"
Brass " Dull.....	71-73	US4	11.00	12.60	15.30	21.30	37.80	66.50
Brass " Oxidized, Dull.....	191-193	US5	"	"	"	"	"	"
Bronze " Dull.....	61-63	US10	"	"	"	"	"	"
Bronze " Oxidized, Dull.....	251-253	US11	"	"	"	"	"	"
Bronze " Statuary.....	361-363	US20	"	"	"	"	"	"
Brass " Oxidized Copper Plated	91-93	US8	"	"	"	"	"	"
Brass " Bright Nickel..... "	221-223	US14	"	"	"	"	"	"
Brass " Dull Nickel..... "	261-263	US15	"	"	"	"	"	"
Brass " Nickel, Sanded .. "	381N-383N	US16	"	"	"	"	"	"
Brass " Oxidized, Sanded.....	381OB-383OB	US6	"	"	"	"	"	"
Bronze " ".....	381OBZ-383OBZ	US12	"	"	"	"	"	"
Bronze " Statuary, Sanded.....	381SB-383SB	US21	"	"	"	"	"	"
Brass " Br't Chromium .. Plated	401-403	US26	See note					
Brass " Dull Chromium .. "	421-423	US26D	"	"				

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

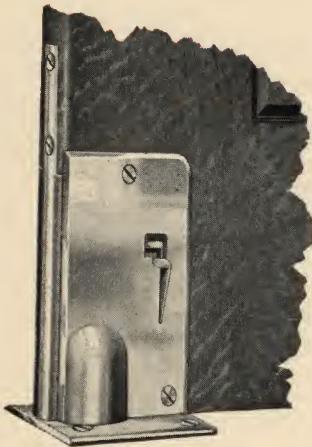
Packed one set in a box, with screws of same finish and instructions for applying.

In ordering, always state "Number" and "Size."

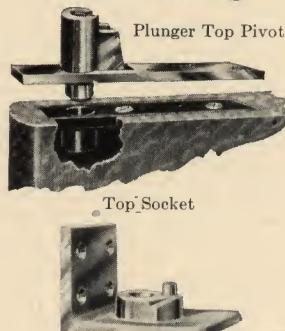
The brass and bronze metal hinges are cast.

Repair parts, pages 48, 49. Telegraph code, page 50. Table of weights, page 60.

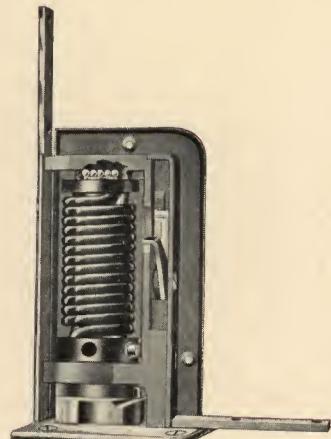
# Chicago "Relax" Spring Pivot-Hinge Ball-Bearing



Type 6001



Jamb Attaching Plate



Type 6001

## Double Acting Type 6001

Thickness of Door	No.	U. S. Standard Finish Symbol	INCHES		
			1 1/8 to 1 1/2	1 1/2 to 2	1 3/4 to 2 3/4
			PRICES PER SET		
STEEL PLANISHED (Description of Finishes, Page 6)					
Dead Black.....	6001	US1D	\$ 4.30	\$ 6.50	\$ 9.90
Brass, Bright.....	6111	US3	6.50	9.60	14.20
Brass, Dull.....	6281	US4	"	"	"
Brass, Ox'd, Dull.....	6271	US5	"	"	"
Bronze, Bright.....	6131	US9	"	"	"
Bronze, Dull.....	6291	US10	"	"	"
Bronze, Ox'd, Dull.....	6231	US11	"	"	"
Statuary Bronze.....	6311	US20	"	"	"
Copper, Ox'd, Bright.....	6171	US8	"	"	"
*Zinc, Dull (Galvanized) .....	6391	US2G	"	"	"
Nickel, Bright.....	6211	US14	7.70	11.40	17.00
Nickel, Dull.....	6021	US15	"	"	"
Nickel, Sanded.....	6181N	US16	"	"	"
Brass, Ox'd, Sanded.....	6181OB	US6	"	"	"
Bronze, Ox'd, Sanded.....	6181OBZ	US12	"	"	"
Statuary Bronze, Sanded.....	6181SB	US21	"	"	"
Dull Blk. (Ox'd), Sanded.....	6161	US19	"	"	"
Bower Barff.....	6121	US18	8.50	12.50	18.70
Chromium, Bright.....	6991	US26	See note		
Chromium, Dull.....	6981	US26D	"	"	
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.				
Brass Metal, Bright.....	6051	US3	\$10.80	\$16.30	\$24.40
Bronze " ".....	6041	US9	"	"	"
Brass " Dull.....	6071	US4	12.00	18.00	26.90
Brass " Oxidized, Dull.....	6191	US5	"	"	"
Bronze " Dull.....	6061	US10	"	"	"
Bronze " Oxidized, Dull.....	6251	US11	"	"	"
Bronze " Statuary.....	6361	US20	"	"	"
Brass " Ox'd Cop'r. Plated.....	6091	US8	"	"	"
Brass " Br't Nickel "	6221	US14	"	"	"
Brass " Dull Nickel "	6261	US15	"	"	"
Brass " Nkl., Sanded, "	6381N	US16	"	"	"
Brass " Ox'd, Sanded.....	6381OB	US6	"	"	"
Bronze " ".....	6381OBZ	US12	"	"	"
Bronze " Statuary, Sanded.....	6381SB	US21	"	"	"
Brass " Br't. Chrom. Pltd.....	6401	US26	See note		
Brass " Dull "	6421	US26D	"	"	

Repair parts, pages 48, 49. Telegraph code, page 51. Table of Weights, page 60. Detail drawing with measurements, page 56.

### Release Spring Action

The Chicago "Relax" Spring Pivot-Hinge has a spring action release whereby the door may be placed open at any desired position.

This feature eliminates the tendency of the spring to lose its power as a result of remaining fixed at high tension when doors are held open by door holders.

By stepping on the lever, which is in a recess of the side plate, the spring action disengages and the door remains open wherever it is placed. Whenever the door passes over the closed position, the spring action automatically re-engages. The "Relax" surpasses all other pivot type hinges for quality, quietness and satisfactory service.

The construction is very substantial with ball-bearings to carry the weight of the door. The spring is large and has a tension adjustment. The application is very simple and economical.

The "Plunger Top Pivot" is always furnished with this hinge, permitting the door to be readily taken down without removing screws and allowing full clearance of doorway.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number specified.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

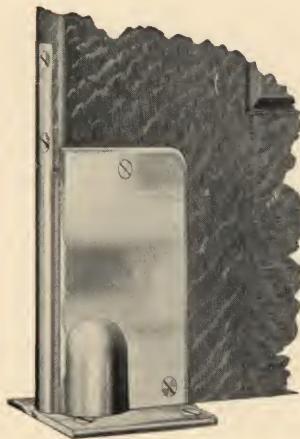
The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

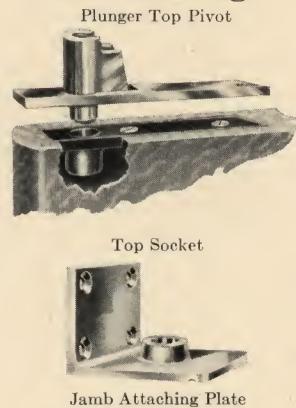
In ordering, always state "Number" and "Size."

# Chicago "Non-Release" Spring Pivot-Hinge

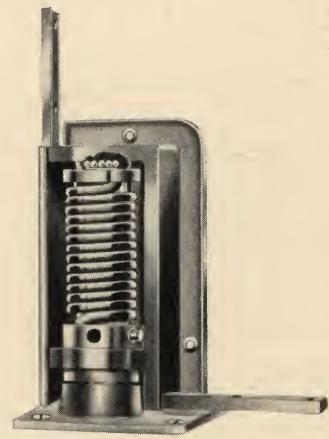
## Ball-Bearing



Type NR6001



Double Acting  
Type NR6001



Type NR6001

Thickness of Door	No.	U. S. Standard Finish Symbol	INCHES		
			1 1/8 to 1 1/2	1 1/2 to 2	1 3/4 to 2 3/4
STEEL PLANISHED (Description of Finishes, Page 6)					
Dead Black.....	NR6001	US1D	\$ 3.90	\$ 5.90	\$ 8.90
Brass, Bright.....	NR6111	US3	5.90	8.60	12.80
Brass, Dull.....	NR6281	US4	"	"	"
Brass, Ox'd, Dull.....	NR6271	US5	"	"	"
Bronze, Bright.....	NR6131	US9	"	"	"
Bronze, Dull.....	NR6291	US10	"	"	"
Bronze, Ox'd, Dull.....	NR6231	US11	"	"	"
Statuary Bronze.....	NR6311	US20	"	"	"
Copper, Ox'd, Bright.....	NR6171	US8	"	"	"
*Zinc, Dull (Galvanized).....	NR6391	US2G	"	"	"
Nickel, Bright.....	NR6211	US14	6.90	10.30	15.30
Nickel, Dull.....	NR6021	US15	"	"	"
Nickel, Sanded.....	NR6181N	US16	"	"	"
Brass, Ox'd, Sanded.....	NR6181OB	US6	"	"	"
Bronze, Ox'd, Sanded.....	NR6181OBZ	US12	"	"	"
Statuary Bronze, Sanded.....	NR6181SB	US21	"	"	"
Dull Blk. (Ox'd) Sanded.....	NR6161	US19	"	"	"
Bower Barff.....	NR6121	US18	7.60	11.30	16.80
Chromium, Bright.....	NR6991	US26	See note		
Chromium, Dull.....	NR6981	US26D	"	"	
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.				
Brass Metal, Bright.....	NR6051	US3	\$ 9.70	\$ 14.70	\$ 22.00
Bronze ".....	NR6041	US9	"	"	"
Brass " Dull.....	NR6071	US4	10.80	16.20	24.20
Brass " Oxidized, Dull.....	NR6191	US5	"	"	"
Bronze " Dull.....	NR6061	US10	"	"	"
Bronze " Oxidized, Dull.....	NR6251	US11	"	"	"
Bronze " Statuary.....	NR6361	US20	"	"	"
Brass " Ox'd, Cop'r Plated.....	NR6091	US8	"	"	"
Brass " Br't Nickel.....	NR6221	US14	"	"	"
Brass " Dull Nickel.....	NR6261	US15	"	"	"
Brass " Nkl, Sanded, "	NR6381N	US16	"	"	"
Brass " Ox'd, Sanded.....	NR6381OB	US6	"	"	"
Bronze " ".....	NR6381OBZ	US12	"	"	"
Bronze " Statuary, Sanded.....	NR6381SB	US21	"	"	"
Brass " Br't. Chrom. Pltd.....	NR6401	US26	See note		
Brass " Dull.....	NR6421	US26D	"	"	

Telegraph code, page 51. Table of weights, page 60.

### "Non-Release" Spring Action

The Chicago "Non-Release" Spring Pivot-Hinge has the same general design and construction as the "Relax" (Type 6001). It does not have the spring action release feature which permits placing the door open at any desired position.

Under certain conditions it may be more desirable to use this hinge which has no release or hold open feature.

This hinge has ball-bearings to carry the weight of the door, a tension adjustment and is extremely quiet in operation.

The "Plunger Top Pivot" is always furnished with this hinge, permitting the door to be readily taken down without removing screws and allowing full clearance of doorway.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number specified.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

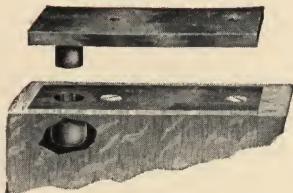
The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

# Chicago "Premier" Spring Pivot-Hinge

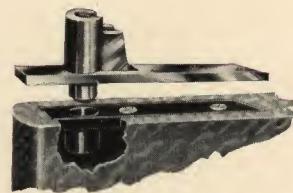
## Ball-Bearing



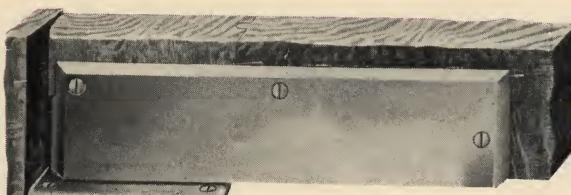
Standard Top Pivot and  
Socket



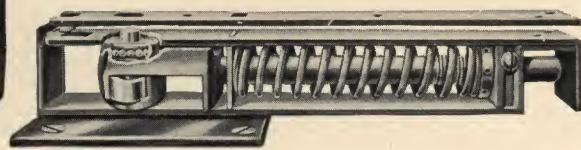
Jamb Attaching Plate  
Part of Type J4001 Hinge  
(Not supplied separately)



Plunger Top Pivot and Socket  
(See Note Below)



Type 4001



Type 4001

## Hold Open Type

### Double Acting

The Chicago "Premier" Spring Pivot-Hinge is truly a leader in its class, and has acquired this distinction by reason of the important features described below.

When the door is opened to 90 degrees, this hinge holds it in that position. Important features of this hinge are an eccentric equipped with hardened steel roller-bearings, a drop-forged piston and a simple but positive alignment device.

Compression springs have greater durability and efficiency when made of flat wire of the best grade of tempered steel. This type of spring is therefore used in the "Premier" and is provided with a tension adjustment.

A simple device has been provided for aligning the door after applying the hinge. It is a practical and efficient adjustment controlled by a single screw which is conveniently located and easily accessible.

Application of the "Premier" to the bottom of the door is very simple and requires only a rectangular mortise cut. For concrete or tile floors this hinge can be supplied with a jamb attaching plate, Type J4001. See foot note on following page.

Note:—When so specified this hinge will be supplied with "Plunger Top Pivot" permitting greater ease of application. For price see note on following page.

# Chicago "Premier" Spring Pivot-Hinges

## Double Acting

### Type 4001

Illustrations and Description, Page 22	Thickness of Door	INCHES		
		1 1/8	1 3/4	
		‡ to 1 3/4	to 2 3/4	
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET	
Dead Black.....Japanned	4001	US1D	\$ 3.60	\$ 5.40
Brass, Bright.....Plated	4111	US3	4.40	6.20
Brass, Dull....."	4281	US4	"	"
Brass, Oxidized, Dull....."	4271	US5	"	"
Bronze, Bright....."	4131	US9	"	"
Bronze, Dull....."	4291	US10	"	"
Bronze, Oxidized, Dull....."	4231	US11	"	"
Statuary Bronze....."	4311	US20	"	"
Copper, Oxidized, Bright....."	4171	US8	"	"
*Zinc, Dull (Galvanized)....."	4391	US2G	"	"
Nickel, Bright....."	4211	US14	5.10	6.90
Nickel, Dull....."	4021	US15	"	"
Nickel, Sanded....."	4181N	US16	"	"
Brass, Oxidized, Sanded....."	4181OB	US6	"	"
Bronze " "....."	4181OBZ	US12	"	"
Statuary Bronze, "....."	4181SB	US21	"	"
Dull Black (Oxidized), Sanded....."	4161	US19	"	"
Bower Barff.....	4121	US18	5.60	7.60
Chromium, Bright.....Plated	4991	US26	See	note
Chromium, Dull....."	4981	US26D	"	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.			
Brass Metal, Bright.....	4051	US3	\$ 9.00	\$10.80
Bronze " ".....	4041	US9	"	"
Brass " Dull.....	4071	US4	10.00	11.80
Brass " Oxidized, Dull.....	4191	US5	"	"
Bronze " Dull.....	4061	US10	"	"
Bronze " Oxidized, Dull.....	4251	US11	"	"
Bronze " Statuary.....	4361	US20	"	"
Brass " Oxidized Copper.....Plated	4091	US8	"	"
Brass " Bright Nickel....."	4221	US14	"	"
Brass " Dull Nickel....."	4261	US15	"	"
Brass " Nickel, Sanded....."	4381N	US16	"	"
Brass " Oxidized, Sanded.....	4381OB	US6	"	"
Bronze " "....."	4381OBZ	US12	"	"
Bronze " Statuary, Sanded.....	4381SB	US21	"	"
Brass " Bright Chromium.....Plated	4401	US26	See	note
Brass " Dull Chromium....."	4421	US26D	"	"

When so specified this hinge will be supplied with "Plunger Top Pivot" permitting greater ease of application. The price is 10% added to list price.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number specified. These jamb attaching plates are part of the hinge and cannot be supplied separately.

†Size 1 1/8 to 1 3/4 is furnished with reversible side plates.

\*For plated finishes over Zinc Plated finish, add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

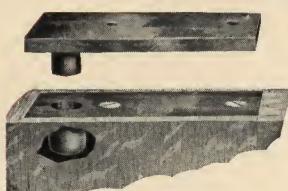
In ordering, always state "Number" and "Size".

Telegraph code, page 51. Table of weights, page 60.

Detail drawing with measurements, page 57.

# Chicago "Ajax" Spring Pivot-Hinges

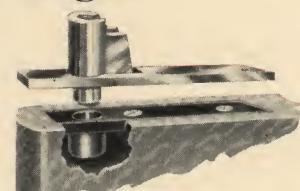
Ball-Bearing  
Reversible Side Plates



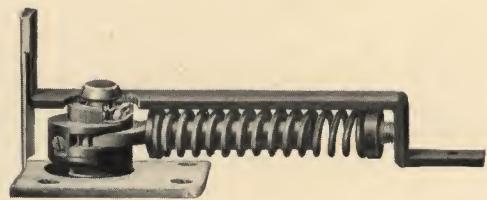
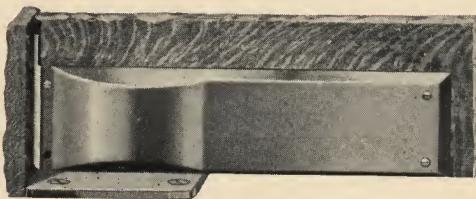
Standard Top Pivot  
and Socket



Jamb Attaching Plate  
Part of J3001 Hinge  
(Not supplied separately)



Plunger Top Pivot and Socket  
(See Note Below)



## Double Acting Type 3001

Thickness of Door	No.	U. S. Standard Finish Symbol	INCHES
			1 1/8 to 1 3/4
STEEL PLANISHED (Description of Finishes, Page 6)			PRICES PER SET
Dead Black.....	3001	US1D	\$ 2.40
Brass, Bright.....	3111	US3	2.50
Brass, Dull.....	3281	US4	"
Brass, Oxidized, Dull.....	3271	US5	"
Bronze, Bright.....	3131	US9	"
Bronze, Dull.....	3291	US10	"
Bronze, Oxidized, Dull.....	3321	US11	"
Statuary Bronze.....	3311	US20	"
Copper, Oxidized, Bright.....	3171	US8	"
*Zinc, Dull (Galvanized).....	3391	US2G	"
Nickel, Bright.....	3211	US14	3.20
Nickel, Dull.....	3021	US15	"
Nickel, Sanded.....	3181N	US16	"
Brass, Oxidized, Sanded.....	3181OB	US6	"
Bronze, ".....	3181OBZ	US12	"
Statuary Bronze, ".....	3181SB	US21	"
Dull Black (Ox'd), ".....	3161	US19	"
Bower Barff.....	3121	US18	3.80
Chromium, Bright.....	3991	US26	See note
Chromium, Dull.....	3981	US26D	"
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.		
Brass Metal, Bright.....	3051	US3	\$ 5.20
Bronze ".....	3041	US9	"
Brass " Dull.....	3071	US4	5.60
Brass " Oxidized, Dull.....	3191	US5	"
Bronze " Dull.....	3061	US10	"
Bronze " Oxidized, Dull.....	3251	US11	"
Bronze " Statuary.....	3361	US20	"
Brass " Ox'd Copper Plated.....	3091	US8	"
Brass " Bright Nickel ".....	3221	US14	"
Brass " Dull Nickel ".....	3261	US15	"
Brass " Nickel, Sanded, ".....	3381N	US16	"
Brass " Oxidized, Sanded....	3381OB	US6	"
Bronze " ".....	3381OBZ	US12	"
Bronze " Statuary, ".....	3381SB	US21	"
Brass " Br't. Chrom. Plated.....	3401	US26	See note
Brass " Dull Chrom. ".....	3421	US26D	"

## Hold Open Type

When the door is opened to 90 degrees, this hinge holds it in that position. The weight of the door is carried on ball-bearings which are located at the top of the hinge, away from moisture and dust. The eccentric has roller-bearings.

The alignment device is simple, positive and readily accessible. It is operated by turning a single screw which eliminates any possibility of difficulty from this feature.

When Jamb Attaching Plates are desired, for use in connection with concrete or tile floors, add 15% to list price and prefix letter "J" to number ordered. These plates are a part of the hinge and cannot be supplied separately for regular hinges.

When so specified this hinge will be supplied with "Plunger Top Pivot" permitting greater ease of application. The price is 10% added to list price.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

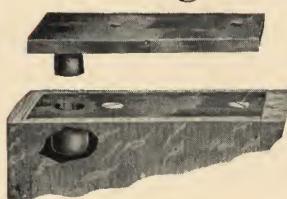
Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number." Telegraph code, page 51.

Table of weights, page 60.

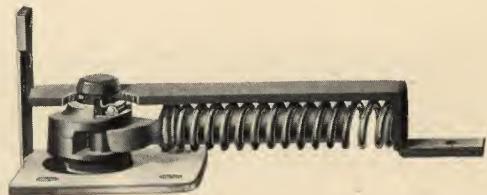
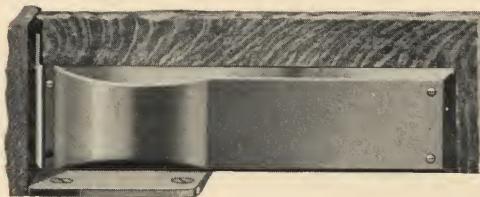
Detail drawing with measurements, page 57.

# Chicago "Eight Thousand" Spring Pivot-Hinges



Ball-Bearing

Reversible Side Plates



## Double Acting Type 8001

Thickness of Door	No.	U. S. Standard Finish Symbol	INCHES	PRICES PER SET
			1 1/8 to 1 3/4	
STEEL PLANISHED (Description of Finishes, Page 6)				
Dead Black.....Japanned	8001	US1D	\$ 1.90	
Brass, Bright.....Plated	8111	US3	2.00	
Brass, Dull....."	8281	US4	"	
Brass, Oxidized, Dull....."	8271	US5	"	
Bronze, Bright....."	8131	US9	"	
Bronze, Dull....."	8291	US10	"	
Bronze, Oxidized, Dull....."	8231	US11	"	
Statuary Bronze....."	8311	US20	"	
Copper, Oxidized, Bright....."	8171	US8	"	
*Zinc, Dull (Galvanized)....	8391	US2G	"	
Nickel, Bright....."	8211	US14	2.30	
Nickel, Dull....."	8021	US15	"	
Nickel, Sanded....."	8181N	US16	"	
Brass, Oxidized, Sanded....."	8181OB	US6	"	
Bronze, "....."	8181OBZ	US12	"	
Statuary Bronze, "....."	8181SB	US21	"	
Dull Black (Ox'd), "	8161	US19	"	
Chromium, Bright....."	8991	US26	"	
Chromium, Dull....."	8981	US26D	"	See note
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)	No.			
Brass Metal, Bright.....	8051	US3	\$ 4.80	
Bronze "....."	8041	US9	"	
Brass ".....Dull.....	8071	US4	5.20	
Brass ".....Oxidized, Dull.....	8191	US5	"	
Bronze ".....Dull.....	8061	US10	"	
Bronze ".....Oxidized, Dull.....	8251	US11	"	
Bronze ".....Statuary.....	8361	US20	"	
Brass ".....Ox'd Copper, Plated	8091	US8	"	
Brass ".....Bright Nickel "	8221	US14	"	
Brass ".....Dull Nickel .."	8261	US15	"	
Brass ".....Nkl., Sanded, "	8381N	US16	"	
Brass ".....Oxidized, Sanded...	8381OB	US6	"	
Bronze "....."....."	8381OBZ	US12	"	
Bronze ".....Statuary, "....."	8381SB	US21	"	
Brass ".....Brt. Chrom. . Plated	8401	US26	"	See note
Brass ".....Dull Chrom. .."	8421	US26D	"	"

## Hold Open Type

When the door is opened to 90 degrees, this hinge holds it in that position. The weight of the door is carried on ball-bearings which are located at the top of the hinge, away from moisture and dust.

The floor plate is unusually substantial, being made of heavy metal and covered with a planished steel finishing plate.

This spring hinge is substantially constructed and is suitable where economy is necessary.

For a hinge with adjustable tension, alignment device, roller-bearings or jamb attaching plates, we recommend the "Premier" or "Ajax" Spring Pivot-Hinge. See pages 22, 23 and 24.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

In ordering, always state "Number."

Telegraph code, page 51.

Table of weights, page 60.

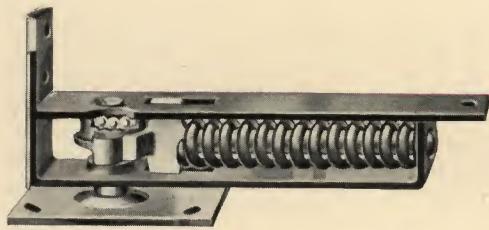
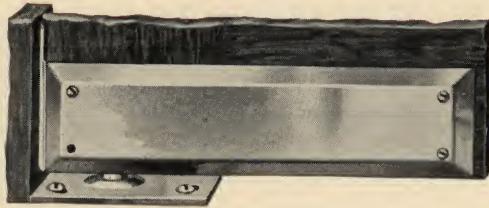
Standard packing; 25 sets in a case, one set in a box with screws of same finish and instructions for applying.

TRADE **CHICAGO** MARK  
SPRING HINGES

# Chicago "Durex" Spring Pivot-Hinges

## Ball-Bearing

Reversible Side Plates



### Double Acting Type 17001

Thickness of Door			INCHES 1 1/8 to 1 3/4
STEEL PLANISHED (Description of Finishes, Page 6)	No.	U. S. Standard Finish Symbol	PRICES PER SET
Dead Black.....	Japanned	17001	US1D
Brass, Bright.....	Plated	17111	US3
Brass, Dull.....	"	17281	US4
Bronze, Bright.....	"	17131	US9
Bronze, Dull.....	"	17291	US10
Copper, Oxidized, Bright.....	"	17171	US8
*Zinc, Dull (Galvanized).....	"	17391	US2G
Nickel, Bright.....	"	17211	US14
Nickel, Dull.....	"	17021	US15
Brass, Oxidized, Sanded.....	"	17181OB	US6

### Hold Open Type

When the door is opened to 90 degrees this hinge holds it in that position. At an open position of approximately 95 degrees the hold-open feature is most rigid.

Ball-bearings, which are located at the top of the hinge away from moisture and dust, carry the weight of the door and also protect the bearings in the frame from the thrust of the spring.

The compression spring is made of tempered steel wire.

An alignment feature is provided by means of slotted screw holes in the floor plate, so that the position of the door may be adjusted to align with the door casing.

Pivot and socket supplied with this hinge are made of wrought metal and the attaching part is thin enough so that it is not necessary to mortise the top pivot into the casing or the attaching part of the socket into the door. If desired, however, a mortise cut for the top pivot may be quickly made with a bit.

Reversible, beveled side plates are supplied and may be applied to either side of the door. This is convenient when different finishes are required to match other hardware in the rooms on either side of the door. In many instances this feature permits using stock goods where a combination finish is required.

For a hinge with adjustable tension, roller-bearings or jamb attaching plate, we recommend the "Premier" or "Ajax" Spring Pivot-Hinge (See pages 22, 23 and 24).

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

The finishes listed are standard.

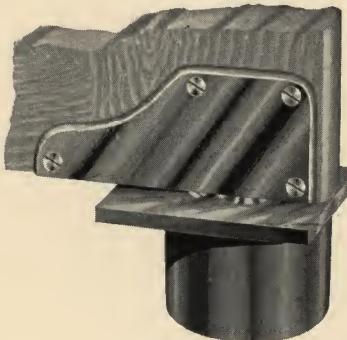
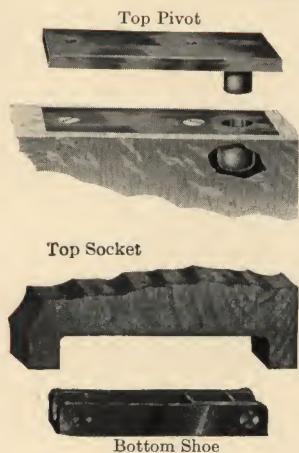
Standard packing; 25 sets in a case, one set in a box with screws of same finish and instructions for applying.

In ordering always state "Number".

Telegraph code, page 51. Table of weights, page 60.

# Chicago Spring Pivot-Hinges

## Ball-Bearing Floor Mortise Type



Type 5001

Thickness of Door	No.	U. S. Standard Finish Symbol	INCHES			
			$\frac{7}{8}$ to $1\frac{1}{2}$	$1\frac{1}{8}$ to 2	2 to $2\frac{1}{2}$	$2\frac{1}{2}$ to $3\frac{1}{2}$
<b>STEEL PLANISHED</b> (Description of Finishes, Page 6)						
Dead Black.....	5001	US1D	\$ 3.90	\$ 5.80	\$ 8.90	\$ 9.70
Brass, Bright.....	5111	US3	5.80	8.60	12.70	14.00
Brass, Dull.....	5281	US4	"	"	"	"
Brass, Ox'd, Dull.....	5271	US5	"	"	"	"
Bronze, Bright.....	5131	US9	"	"	"	"
Bronze, Dull.....	5291	US10	"	"	"	"
Bronze, Ox'd, Dull.....	5231	US11	"	"	"	"
Statuary Bronze.....	5311	US20	"	"	"	"
Copper, Ox'd, Bright.....	5171	US8	"	"	"	"
*Zinc, Dull (Galvanized).....	5391	US2G	"	"	"	"
Nickel, Bright.....	5211	US14	6.90	10.30	15.30	16.80
Nickel, Dull.....	5021	US15	"	"	"	"
Nickel, Sanded.....	5181N	US16	"	"	"	"
Brass, Ox'd, Sanded.....	5181OB	US6	"	"	"	"
Bronze, Ox'd, Sanded.....	5181OBZ	US12	"	"	"	"
Statuary Bronze, Sanded.....	5181SB	US21	"	"	"	"
Dull Blk. (Ox'd.), Sanded.....	5161	US19	"	"	"	"
Bower Barff.....	5121	US18	7.60	11.30	16.80	18.50
Chromium, Bright.....	5991	US26	See note			
Chromium, Dull.....	5981	US26D	"	"		
<b>BRASS OR BRONZE METAL</b> <b>POLISHED</b> (Description of Finishes, Page 6)						
Brass Metal, Bright.....	5051	US3	\$ 9.70	\$ 14.70	\$ 22.00	\$ 24.20
Bronze "	5041	US9	"	"	"	"
Brass " Dull.....	5071	US4	10.80	16.10	24.20	26.70
Brass " Oxidized, Dull.....	5191	US5	"	"	"	"
Bronze " Dull.....	5061	US10	"	"	"	"
Bronze " Oxidized, Dull.....	5251	US11	"	"	"	"
Bronze " Statuary.....	5361	US20	"	"	"	"
Brass " Ox'd Cop'r. Plated.....	5091	US8	"	"	"	"
Brass " Br't Nickel.....	5221	US14	"	"	"	"
Brass " Dull Nickel.....	5261	US15	"	"	"	"
Brass " Nkl., Sanded, "	5381N	US16	"	"	"	"
Brass " Ox'd, Sanded.....	5381OB	US6	"	"	"	"
Bronze " ".....	5381OBZ	US12	"	"	"	"
Bronze " Statuary, Sanded.....	5381SB	US21	"	"	"	"
Brass " Br't Chrom. Pltd.....	5401	US26	See note			
Brass " Dull Chrom. "	5421	US26D	"	"		
<b>DIMENSIONS</b>						
Size of top cover.....			$4x4\frac{1}{2}$	$4\frac{3}{8}x5$	$4\frac{3}{4}x6$	$4\frac{3}{4}x6$
Depth from top of cover to bottom of box.....			$2\frac{7}{8}$	$3\frac{3}{8}$	$3\frac{3}{8}$	$3\frac{3}{8}$
Pintle center to door casing.....			$1\frac{3}{4}$	$1\frac{7}{8}$	$2\frac{1}{8}$	$2\frac{1}{8}$

Size	Price, Each
$\frac{7}{8}$ to $1\frac{1}{2}$	\$2.00
$1\frac{3}{8}$ to 2	3.00
2 to $2\frac{1}{2}$	4.00
$2\frac{1}{2}$ to $3\frac{1}{2}$	4.00

TRADE **CHICAGO** MARK  
**SPRING HINGES**

## Floor Mortise Type

The "Chicago" Spring Pivot-Hinge is mortised into the floor, thereby avoiding a mortise cut in the door for the mechanism, and permitting the use of a spring with large diameter.

If preferred, and if so specified, this hinge will be supplied with an invisible bottom shoe and plunger top pivot. This equipment eliminates the use of side plates and permits taking the door down without removing any screws.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box, with screws of same finish, tension adjuster and instructions for applying.

In ordering, always state "Number" and "Size."

Repair parts, pages 48, 49.

Telegraph code, page 51.

Table of weights, page 60.

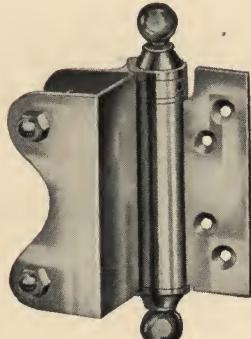
## Metal Boxes Type 5002

When floors are concrete or tile, it is advisable to imbed a metal box into which the hinge is held by machine screws.



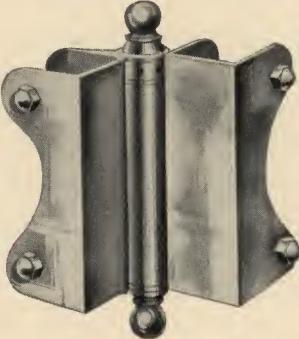
# Chicago "Triplex" Lavatory Spring Hinges

Polished Brass Metal, Nickel Plated  
For Partitions With Hanging Stile



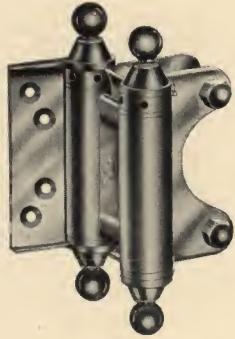
Type 2242  
Single Acting  
Adjustable  
Clamp Flange

Per Pair  
No. 2242, 4" flange.....\$12.70  
No. 2142, 3" flange.....10.60  
Can be supplied in cast metal, when so specified, without adjustable feature.



Type 2242A  
Single Acting  
Adjustable  
Clamp Flanges

Per Pair  
No. 2242A, 4" flange.....\$15.40  
Both clamp flanges adjustable. Can be supplied in cast metal, when so specified, with-out adjustable feature.



Type 2241  
Double Acting  
Non-Adjustable  
Clamp Flange

Per Pair  
No. 2241, 4" flange.....\$19.60  
No. 2241A, 4" flange.....22.30  
The No. 2241A is same as No. 2241, except it has two clamp flanges.

Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as "Reverse Acting." Always specify thickness of both hanging stile and door. (See note below.) These hinges are suitable for right or left-hand doors.

## Lavatory Springless Hinges—For Use with Spring Hinges

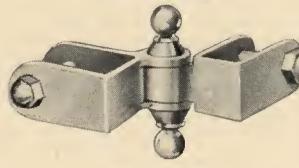


Adjustable  
Clamp Flange

Type 2244

Per Set  
No. 2242-2244.....\$10.60  
No. 2244.....Per Pair 8.50

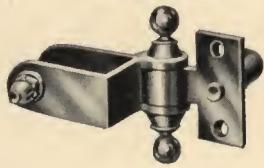
Adjustable  
Clamp Flanges



Type 2242A

Per Set  
No. 2242A-2244A.....\$12.80  
No. 2244A.....Per Pair 10.20

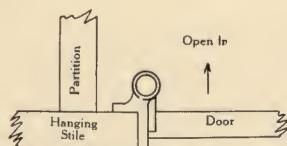
Checking Hinge  
To Hold Door Ajar



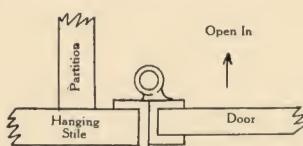
Per Set  
No. 2242-2246.....\$12.70

If Single Acting Doors are narrow and light, a Spring and Springless Hinge can be used satisfactorily. If doors are heavy or equipped with pay locks, always use a pair of Spring Hinges.

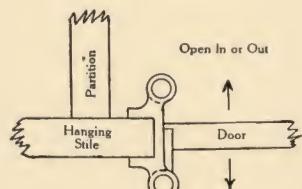
## Application Detail



Type 2242-2244



Type 2242A-2244A

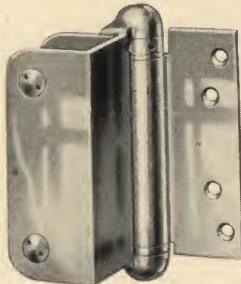


Type 2241

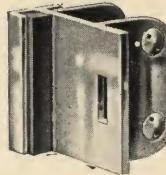
NOTE:—Always specify thickness of both partition and door.  
Nos. 2242, 2142, 2242A, 2244, 2244A and 2246 have adjustable clamp flanges, and open head nuts on bolts, permitting adjustment of  $\frac{1}{8}$  inch under and over the following sizes by which they are specified: 1 in.,  $1\frac{1}{4}$  in.,  $1\frac{1}{2}$  in.,  $1\frac{3}{4}$  in. and 2 in.  
Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of hanging stile varies.  
For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.  
For Oxidized finishes add 10% to list price.  
For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.  
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.  
Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.  
Telegraph code, page 52. Table of weights, page 60. Detail drawings, page 58. Description of finishes, page 6.

# Lavatory Door Spring Hinges and Stops

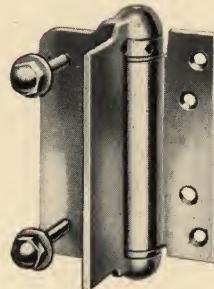
Polished Brass Metal, Nickel Plated  
For Partitions With Hanging Stile  
Cast Metal Type



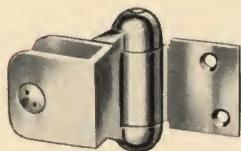
Type 22242  
Adjustable  
Clamp Flange



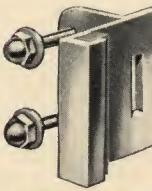
Type 11247F  
Adjustable  
Clamp Flange



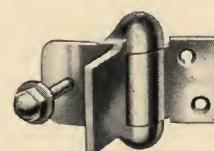
Type 22242 1/2  
'L' Angle  
Flange



Type 22244  
Adjustable  
Clamp Flange



Type 11247 1/2 F  
'L' Angle  
Flange



Type 22244 1/2  
'L' Angle  
Flange

No. 22242.....	Per Pair \$16.50	No. 22242 1/2.....	Per Pair \$13.40
No. 22244.....	" " 11.00	No. 22244 1/2.....	" " 9.00
No. 22242 x 22244.....	Per Set 13.80	No. 22242 1/2 x 22244 1/2.....	Per Set 11.20

Types 22242, 22242 1/2, 22244 and 22244 1/2 hinges have single thickness of metal between door and hanging stile, reducing gap between them and increasing privacy. The surfaces of the clamp flange on Types 22242 and 22244 are unbroken by joints, holes or screws, easily cleaned and of neat appearance. The clamp adjustment is concealed behind spring barrel.

Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as "Reverse Acting." These hinges are suitable for right or left-hand doors.

Always specify thickness of both hanging stile and door.

## Clamp Flange Door Stops with Keepers

Cast Metal Type—Adjustable Clamp Flange

Each

No. 11247A	For Doors opening in, with keeper for No. 1248 bolt.....	\$3.20
No. 11247B	For Doors opening out, with keeper for No. 1248 bolt.....	3.20
No. 11247C	For Doors opening in, with keeper for No. 1242 or No. 1252 swing latch.....	3.50
No. 11247D	For Doors opening in or out, with keeper for No. 1254 mortise bolt.....	3.20
No. 11247F	For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	3.50

## 'L' Angle Flange Door Stops with Keepers

Cast Metal Type

Each

No. 11247 1/2 A	For Doors opening in, with keeper for No. 1248 bolt.....	\$3.00
No. 11247 1/2 B	For Doors opening out, with keeper for No. 1248 bolt.....	3.00
No. 11247 1/2 C	For Doors opening in, with keeper for No. 1242 or No. 1252 swing bolt.....	3.00
No. 11247 1/2 D	For Doors opening in or out, with keeper for No. 1254 mortise bolt.....	3.00
No. 11247 1/2 F	For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	3.00

Always specify thickness of both hanging stile and door.

Nos. 22242 and 22244 hinges also 11247A to F Door Stops have adjustable clamp flange providing adjustment of  $1\frac{1}{16}$  inch under or over the following sizes: 1 in.,  $1\frac{1}{8}$  in.,  $1\frac{1}{4}$  in.,  $1\frac{3}{8}$  in.,  $1\frac{1}{2}$  in.,  $1\frac{5}{8}$  in.,  $1\frac{3}{4}$  in.,  $1\frac{7}{8}$  in., 2 in.

The bumpers on Type 11247F and 11247 1/2 F Stops are part of "L" shaped member which laps around the partition on opposite side and relieves the strain on attaching bolts. Single thickness of metal between door and partition reduces gap between them.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

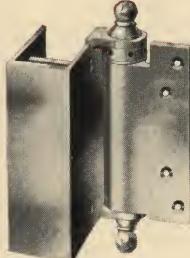
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed: Hinges, one pair or set in a box, with bolts and screws of same finish and tension adjuster; Stops, one in box with bolts of same finish.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

# Lavatory Door Spring Hinges

Polished Brass Metal, Nickel Plated  
For Partitions Without Hanging Stile  
Non-adjustable Clamp Flanges



Type 2842  
Single Acting  
Right or Left Hand,  
Doors opening in

Per Pair  
No. 2842. 4-in. flange.....\$15.10

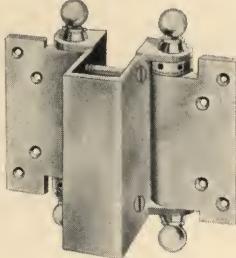
For doors hung to a partition which has no  
hanging stile.

Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as  
"Reverse Acting." Always specify thickness of both partition and door.



Type 2742  
Single Acting  
Right or Left Hand,  
Doors opening out

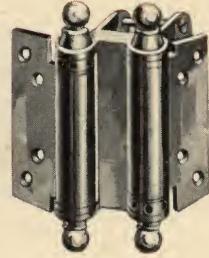
Per Pair  
No. 2742. 4-in. flange.....\$15.10



Type 2642  
Single Acting  
Doors opening in

Per Pair  
No. 2642. 4-in. flange.....\$21.80

For two doors hung right and left to the same  
partition without a hanging stile.



Type 2542  
Single Acting  
Doors opening out

Per Pair

No. 2542. 4-in. flange.....\$21.80

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

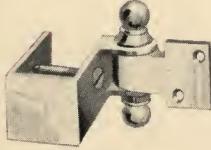
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

## Lavatory Springless Hinges

For Use With Spring Hinges



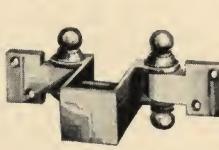
Type 2844

Per Set  
No. 2842-2844....\$12.60  
No. 2844—Per Pair 10.10



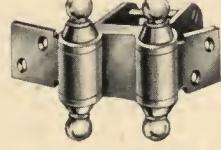
Type 2744

Per Set  
No. 2742-2744....\$12.60  
No. 2744—Per Pair 10.10



Type 2644

Per Set  
No. 2642-2644....\$18.20  
No. 2644—Per Pair 14.60

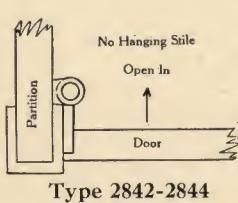


Type 2544

Per Set  
No. 2542-2544....\$18.20  
No. 2544—Per Pair 14.60

If doors are narrow and light, a Spring and Springless Hinge can be used satisfactorily. If doors are heavy or equipped with pay locks, always use a pair of Spring Hinges.

## Application Detail



Type 2842-2844

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

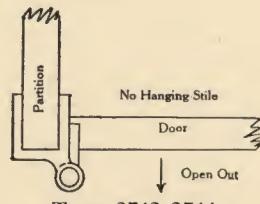
For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.



Type 2742-2744

## For Wall Application

Without Clamp Flange



Type F2224

No. F2222. 4-in. Flange....Per Pair \$10.90  
No. F2222-F2224.....Per Set 9.10  
No. F2224.....Per Pair 7.30

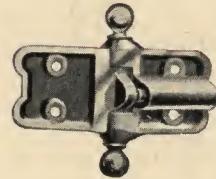
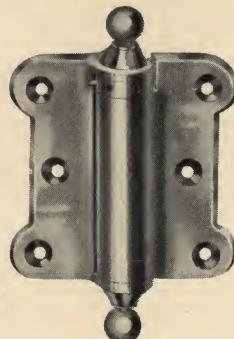
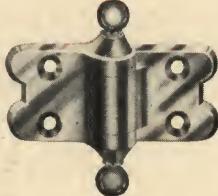


Type F2222

For application to a wall where a clamp flange cannot be used. Furnished with wood screws unless otherwise specified.

## Lavatory Door Spring Hinges

Polished Brass Metal, Nickel Plated  
Surface Type



Type 2444

### Single Acting Springless Hinge

No. 2442-2444 . . . . . Per Set \$10.30  
No. 2444 . . . . . Per Pair 8.20

The Springless Hinge is used with a Spring Hinge on narrow and light doors.

These hinges are suitable for right or left hand doors. Furnished with wood screws, unless otherwise specified. If required for other than wood partitions, give details so that proper screws or bolts can be furnished.

Type 2442

### Single Acting Spring Hinge

No. 2442, 4" flange, Per Pair \$12.40  
No. 2443, 3" flange, Per Pair 10.30

This hinge can be applied to partitions without hanging stile, if doors open in.

Type 2446

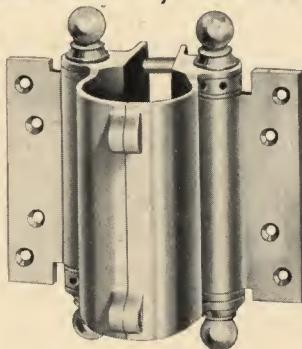
### Single Acting Checking Hinge

No. 2442-2446 . . . . . Per Set \$12.40  
No. 2446 . . . . . Per Pair 12.40

The Checking Hinge holds the door ajar when it is not bolted shut.

## Lavatory Door Spring Hinges for Pipe Standards

Polished Brass Metal, Nickel Plated



Type I2342DD

### Yoke Type, Single Acting

Doors opening in . . . . . Per Pair

No. I2342DD, 4-in flange . . . . . \$26.80

No. I2342DD-I2344DD, . . . . . Per Set

Spring and Springless

Hinge . . . . . \$22.30

Doors opening out . . . . . Per Pair

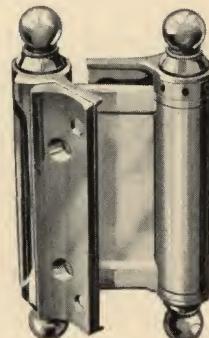
No. O2342DD, 4-in. flange . . . . . \$26.80

No. O2342DD-O2344DD, . . . . . Per Set

Spring and Springless

Hinge . . . . . \$22.30

For two doors hung right and left to the same pipe standard.



Type P2221

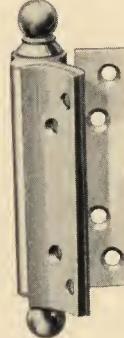
### Double Acting

Right or Left Hand

Per Pair

No. P2221, 4-in. flange . . . . . \$18.00

For doors hung to a pipe standard where pipe yoke is not desired. It is attached to the pipe with machine screws.



Type P2222

### Single Acting

Right or Left Hand

Per Pair

No. P2222, 4-in flange . . . . . \$11.10

No. P2222-P2224—Spring Per Set and Springless Hinge . . . . . \$9.30

For doors hung to a pipe standard where pipe yoke is not desired. It is attached to the pipe with machine screws.

Always specify exact outside diameter of pipe and thickness of door and partition when ordering.  
Single Acting Hinges can be supplied with reverse acting springs, to hold door open. If required, specify as

"Reverse Acting."

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

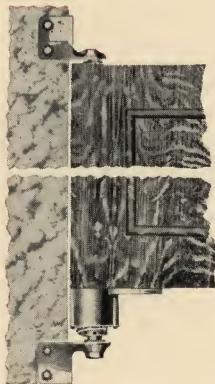
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed one pair or set in a box, with bolts and screws of same finish and tension adjuster.

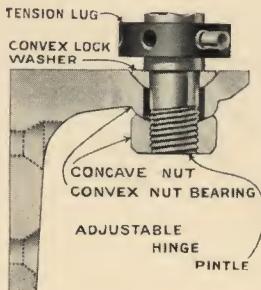
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

# “Sagless” Lavatory Spring Pivot-Hinges

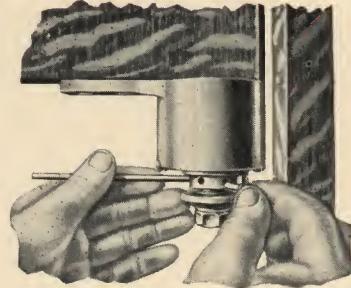
## Single or Double Acting



Type C4227S  
Surface Hinge



Alignment  
Feature



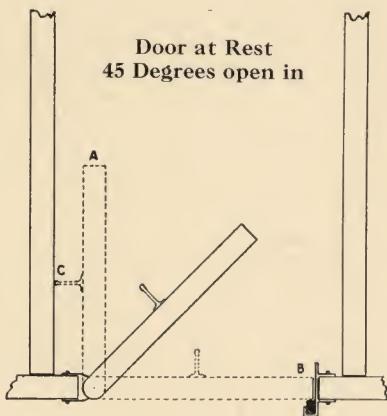
Exterior  
Tension Adjustment

### Checking Feature

Quiet Action—No Slam

An adjustable pindle permits setting the door to remain at rest 45 degrees open in. When installed in this manner the spring action from either a fully opened or closed position is not sufficient to cause the door to strike the partition or stop. The door, swinging from either an opened or closed position, meets resistance from the spring as soon as it passes the “Rest position” (45 degrees open in) and this checks the action of the door and prevents it striking the partition or stop.

It is easy and economical to apply Lavatory Stall Doors with Chicago Sagless Spring Pivot-Hinges so that they will operate as noiselessly as any door hung with more expensive checking hinges. The Type 4227 Series, with exterior tension adjustment, are particularly well suited for this type of application.



### No Slam

A door released from position “A” will not strike at “B” nor will a door released from “B” swing beyond position “A” to cause the bumper to strike at “C.”

Expensive checking hinges accomplish no more and may require the expense of frequent adjustment and maintenance.

### Alignment

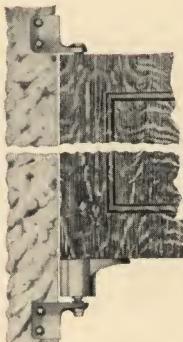
An adjustable hinge pindle, with ball and socket alignment, permits aligning the pindle vertically with the top pivot. This gives free and easy movement of the door.

*Use Sagless Lavatory Spring Pivot-Hinges. Save on original cost and also maintenance expense.*

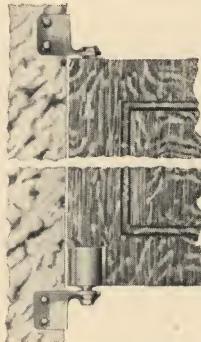
# “Sagless” Lavatory Spring Pivot-Hinges

Polished Brass Metal, Nickel Plated

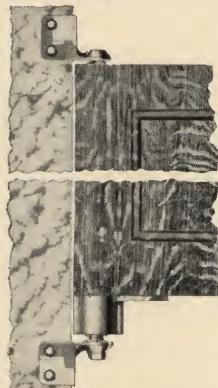
Ball-Bearing—Adjustable Clamp Flange  
Single or Double Acting



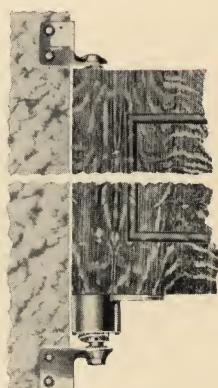
Type C7227S  
Surface Hinge



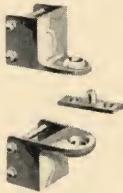
Type C7227M  
Mortise Hinge



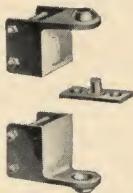
Type C6227S  
Surface Hinge



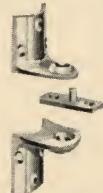
Type C4227S  
Surface Hinge



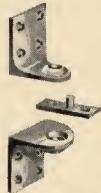
Attachment “C”



Attachment “CI”



Attachment “P”



Attachment “F”

Regular	Inverted
Adjustable Clamp Flange	Adjustable Clamp Flange
C 7227S \$12.70	CI 7227S \$12.70
C 7227M 12.70	CI 7227M 12.70
C 6227S 12.70	CI 6227S 12.70
C 6227M 12.70	CI 6227M 12.70
C 4227S 14.00	CI 4227S 14.00
C 4227M 14.00	CI 4227M 14.00

Regular	Inverted
Adjustable Clamp Flange	Adjustable Clamp Flange
C 7227S \$12.70	CI 7227S \$12.70
C 7227M 12.70	CI 7227M 12.70
C 6227S 12.70	CI 6227S 12.70
C 6227M 12.70	CI 6227M 12.70
C 4227S 14.00	CI 4227S 14.00
C 4227M 14.00	CI 4227M 14.00

Concave	Pipe Attachments
	P 7227S \$11.60
	P 7227M 11.60
	P 6227S 11.60
	P 6227M 11.60
	P 4227S 12.80
	P 4227M 12.80

Flat Attachment Applied to Surface of Jamb
F 7227S \$10.80
F 7227M 10.80
F 6227S 10.80
F 6227M 10.80
F 4227S 11.90
F 4227M 11.90

## Type 4227 Series

These hinges are specially suited for heavy duty on dwarf double acting doors or single acting doors set to remain at rest, 45 degrees open in, as suggested on page 32. In addition to the important features of the other sagless lavatory hinges, they have an exterior tension adjustment, which may be adjusted after the hinges have been applied. This feature is exclusive with this type of hinge.

## Type 7227 Series

These hinges are recommended for lavatory stall doors. Being of the pivot type, the doors cannot sag. The body, of small diameter, presents a neat and pleasing appearance when applied to the door. An adjustable pintle permits aligning the door after it has been hung, also setting it to remain at rest in any desired position.

## Type 6227 Series

We recommend these hinges for double action dwarf lavatory vestibule doors or heavy doors on lavatory stalls. They are of the same general design as the various types of 7227 hinges described above but have greater spring power.

The clamp attachments illustrated have an adjustable side plate with open head nuts on bolts, permitting adjustment  $\frac{1}{8}$  inch under and over the following sizes by which they are specified:—1 in.,  $1\frac{1}{4}$  in.,  $1\frac{1}{2}$  in.,  $1\frac{3}{4}$  in., and 2 in. The attachments are made so that the adjustable side plate can be located on the inside of the partition, on either right or left hand doors.

These Pivot-Hinges hang the door in the center of the edge of the partition.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of partition varies.

Always specify thickness of both partition and door or outside diameter of pipe and thickness of door. Specify if to be used double or single acting, so proper tension will be applied to the spring.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

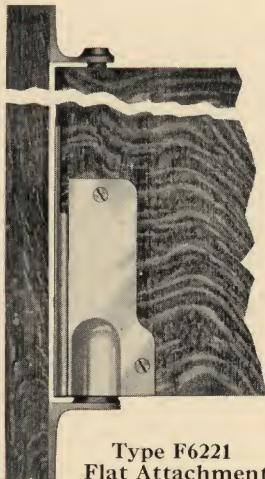
Packed one set in a box, with bolts and screws of same finish.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

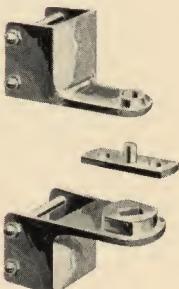
# Chicago Lavatory Spring Pivot-Hinges

Polished Brass Metal, Nickel Plated

## Ball-Bearing



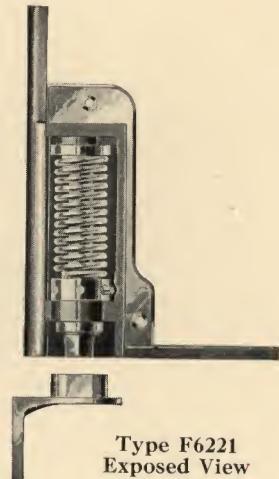
Type F6221  
Flat Attachment



Attachment "C"



Attachment "P"



Type F6221  
Exposed View

Adjustable Tension  
Single Acting or Double Acting  
For Doors  $1\frac{1}{8}$  to  $1\frac{1}{2}$  In. Thick

No. C6221.	With Clamp Flange Attachment.....	Per Set	\$13.90
No. P6221.	With Concave Pipe Attachment.....	" "	12.80
No. F6221.	With Flat Attachment applied to Surface of Jamb.....	" "	12.00
No. FR6221.	With Flat Attachment applied to Surface of Jamb. (Axis of hinge located so jamb edge of door swings in concave recess in jamb).....	" "	12.00
	Always specify thickness of both partition and door. Specify outside diameter of pipe.		

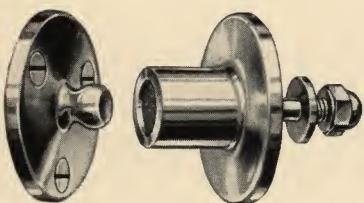
### Description, Type 6221

This Spring Pivot-Hinge may be used either single or double acting. It is designed to allow space for a powerful spring and has a tension adjustment to adapt it to light or heavy doors. It is mortised into the door and has side plates to cover the mortise cut. The weight of the door is carried on ball-bearings. The pintle of the hinge is held rigidly in the bottom bracket and the door cannot get out of alignment when in use. It is constructed so the pintle of the hinge may be set in the bottom bracket in any one of five positions, thereby holding the door, when at rest, in closed position, 45 or 90 degrees open (right or left). This pivot type hinge is very desirable for wide or heavy double acting doors as the spring does not carry the weight of the door and a light tension may be used without the door sagging.

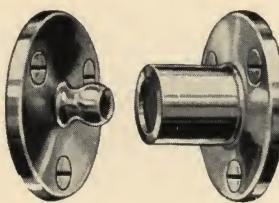
Packed one set in a box, with bolts and screws of same finish.

## Lavatory Door Stops and Bumpers

Polished Brass Metal, Nickel Plated



Type 1138 Door Bumper  
For Marble or Slate Partition  
Specify Thickness of Partition  
Each \$3.30



Type 1139  
Door Bumper  
For Wood Partition  
Each \$2.90



Type 1245  $\frac{1}{2}$ A Door Stop  
For Wood Partition  
(Specify Thickness of Door and Partition and whether to be cut for No. 1244 or No. 1248 Bolt)  
Each \$2.50

### These door bumpers have a rubber cushion.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

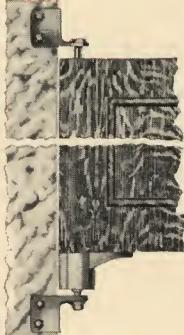
For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

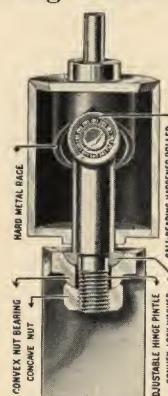
# Chicago Lavatory Gravity Pivot-Hinges

Polished Brass Metal, Nickel Plated

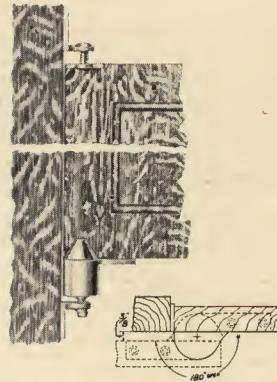
Adjustable Clamp Flange—Ball-Bearing Gravity Roller



Type C47227S—Single or Double Acting



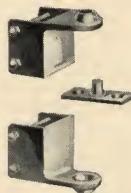
Type C47227S—Exposed View



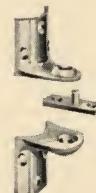
Type F47228S—Single Acting



Type "C" Attachment  
C47227S \$12.70



Type "CI" Attachment  
CI47227S \$12.70



Type "P" Attachment  
P47227S \$11.60



Type "F" Attachment  
F47227S \$10.80

Clamp attachments are reversible for either right or left hand doors opening in or out.

The door will be in the center of edge of partition.

These hinges are recommended for lavatory stall doors where specifications require a gravity type hinge but in our opinion a gravity type hinge is not as adaptable to varying conditions and requirements as a spring hinge, especially one of the Type 4227 series, with exterior tension adjustment.

Types C & CI47227S gravity hinges have an adjustable clamp flange and are supplied with open head nuts on bolts, thereby permitting adjustment of  $\frac{1}{8}$ -inch under and over the following sizes by which they are specified: 1 in.,  $1\frac{1}{4}$  in.,  $1\frac{1}{2}$  in.,  $1\frac{3}{4}$  in., and 2 in.

These hinges can be supplied to meet U. S. Government specifications. Prices on request.

Always specify thickness of both partition and door or outside diameter of pipe and thickness of door.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

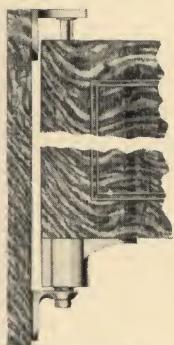
Telegraph code, page 52.

## Type F47228S—Single Acting

No. F47228S (Specify hinge for right or left hand door and whether opening in or out).....\$16.20

This single acting hinge is suitable for dwarf louvre doors, similar to those used in hospital room doorways to obstruct vision. It can be adjusted so that when the door is opened 180 degrees it will hold open in that position. This permits the unobstructed use of the doorway when desired. For lavatory stall doors we recommend the Type C47227S which is suitable for either single or double acting doors.

## Chicago Gate Gravity Pivot-Hinges



Type 47007

IRON METAL POLISHED	No.	U. S. Standard Finish Symbol	PRICES PER SET
Dead Black (Unpolished).....Japanned	47007	US1D	\$ 3.90
Brass, Dull.....Plated	47287	US4	5.80
Nickel, Bright....."	47217	US14	6.90
Brass, Oxidized, Sanded....."	47187OB	US6	6.90
BRASS OR BRONZE METAL, POLISHED			
Brass Metal, Bright.....	47057	US3	9.70
Bronze Metal, Bright.....	47047	US9	9.70
Brass Metal, Bright Nickel.....Plated	47227	US14	10.80

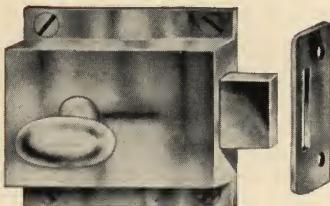
These hinges can be supplied to meet U. S. Government Specifications. Prices on request. We recommend Sagless Spring Pivot-Hinges, especially Type 4007, as quieter and more adaptable to varying conditions.

Packed one set in a box with bolts or screws of same finish.

Table of weights, page 60. Description of finishes, page 6.

# Lavatory Door Bolts, Latches and Indicators

Polished Brass Metal, Nickel Plated  
Door Stops are Illustrated on Pages 37 and 38

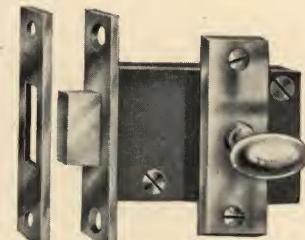


Type 1250K Rim Bolt

No. 1250, Without Keeper . . . . . Each \$2.90  
No. 1250K, With Keeper . . . . . " 3.00  
No. 1250K-1258, With Keeper & Indicator . . . Set 4.40  
No. 1250-1247 F or G, With Door Stop . . . . . " 5.80  
No. 1250-1247 F or G-1258 . . . . . " 7.20  
No. 1256, Same as above, but with "T" Handle.  
Case  $2\frac{1}{2}$  x  $2\frac{5}{8}$ ". Bolt  $\frac{7}{8}$  x  $\frac{1}{4}$ ".  
Face to Center of Knob  $1\frac{5}{8}$ ".

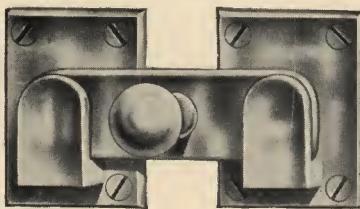


Type 1258 Indicator  
Diameter  $2\frac{1}{2}$  ins.



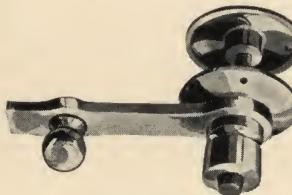
Type 1254K Mortise Bolt

No. 1254, Without Keeper . . . . . Each \$2.90  
No. 1254K, With Keeper . . . . . " 3.00  
No. 1254K-1258, With Keeper & Indicator . . . Set 4.40  
No. 1254-1247D, With Door Stop . . . . . " 5.70  
No. 1254-1247D-1258 . . . . . " 7.10  
Case  $1\frac{5}{8}$  x  $2\frac{5}{8}$  x  $\frac{1}{16}$ ". Front  $3 \times \frac{5}{8}$ ".  
Bolt  $\frac{7}{8}$  x  $\frac{1}{4}$ ". Face to Center of Knob  $1\frac{5}{8}$ ".



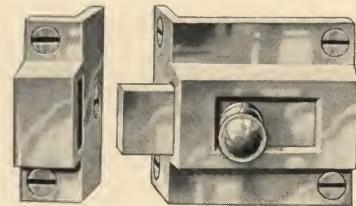
Type 1242K and 1252K  
Swing Latch

No. 1242, Without Keeper . . . . . Each \$2.90  
No. 1242K, With Keeper . . . . . " 3.70  
No. 1242-1247C, With  
Door Stop . . . . . Set 5.80  
Plates  $2 \times 1\frac{5}{8}$ ". Latch Bar  $\frac{7}{8} \times 3\frac{3}{4} \times \frac{3}{16}$ ".  
No. 1252, Without Keeper . . . . . Each \$4.30  
No. 1252K, With Keeper . . . . . " 5.30  
No. 1252-1247C . . . . . Set 7.20  
Plates  $2 \times 2$ ". Latch Bar  $4 \times 1\frac{1}{8} \times \frac{1}{4}$ ".



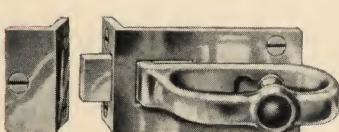
Type 1260  
Government Type  
Swing Latch

No. 1260, Without  
Keeper . . . . . Each \$5.00  
(For right or left hand doors)  
No. 1260-1247C,  
With Door Stop . . . . Set \$7.90  
This is Approved Government  
Type Latch.  
Disc  $1\frac{3}{4}$ " dia.  
Bar  $3\frac{13}{16} \times 1\frac{11}{16} \times \frac{3}{16}$ ".



Type 1236K  
Slide Bolt

No. 1236, Without Keeper . . . . . Each \$2.50  
No. 1236K, With Keeper . . . . . " 2.70  
No. 1236-1247 F or G,  
With Door Stop . . . . . Set 5.40  
Plate  $2 \times 2 \frac{3}{4}$ ". Bolt Bar  $\frac{3}{4} \times 2\frac{1}{2} \times \frac{1}{4}$ ".  
\*No. 1238, Without Keeper . . . . . Each \$2.30  
No. 1238K, With Keeper . . . . . " 2.50  
No. 1238-1247 F or G . . . . . Set 5.20  
Plate  $2 \times 2$ ". Bolt Bar  $\frac{3}{4} \times 2\frac{1}{2} \times \frac{1}{4}$ ".  
\*Same as Type 1236, but without  
face plate.



Type 1248K Half Mortise Bolt  
No. 1248, Without Keeper . . . . . Each \$3.70  
No. 1248K, With Keeper . . . . . " 3.80  
No. 1248-1247 A or B,  
With Door Stop . . . . . Set 6.50  
Plate  $1\frac{5}{8} \times 3 \times 3\frac{3}{4}$ ". Bolt Bar  $\frac{5}{8} \times \frac{1}{4}$ ".  
This Bolt serves as a Door Pull and  
Bumper.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.  
For Oxidized finishes add 10% to list price.  
For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20%  
to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45%  
to list price.

Packed complete with screws of same finish.

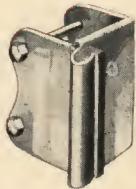
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

# Lavatory Door Stops and Keepers

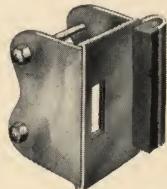
Polished Brass Metal, Nickel Plated

For Partitions with Hanging Stile—Right or Left Hand

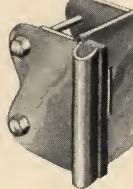
For Use with Butt-Hinges, Single Acting



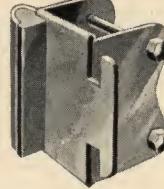
Type 1247



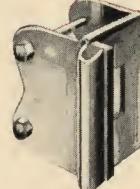
Type 1247A



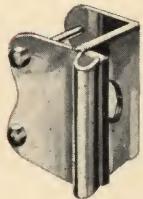
Type 1247B



Type 1247C



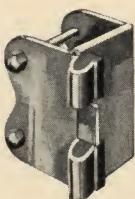
Type 1247D



Type 1247E



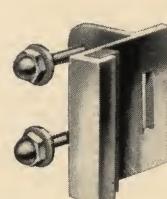
Type 1247F



Type 1247G



Type 1247H



Type 11247 1/2 F

## Clamp Flange Type

Door Stops illustrated above are intended for doors hung with butt-hinges (For example No. 2242), and with the surface of the door flush with partition on same side as hinge axis.

No. 1247	For Doors opening in or out, without bolt hole.....	Each	\$2.50
No. 1247A	For Doors opening in, with keeper for No. 1248 bolt.....		2.80
No. 1247B	For Doors opening out, with keeper for No. 1248 bolt.....		2.80
No. 1247C	For Doors opening in, with keeper for No. 1242 or No. 1252 swing latch.....		2.90
No. 1247D	For Doors opening in or out, with keeper for No. 1254 mortise bolt.....		2.80
No. 1247E	For Doors opening in or out, with round bolt hole.....		2.80
No. 1247F	For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....		2.90
No. 1247G	For Doors opening out, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....		2.90
No. 1247H	For Doors opening out, with keeper for No. 1242 or No. 1252 swing latch.....		2.90

Numbers 1247 to 1247H, inclusive, have adjustable clamp flanges and open head nuts on bolts, permitting adjustment of  $\frac{1}{8}$  in., under and over the following sizes by which they are specified:—1 in.,  $1\frac{1}{4}$  in.,  $1\frac{1}{2}$  in.,  $1\frac{3}{4}$  in., and 2 in.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of partition varies.

If No. 1247C or No. 1247H is specified "Right Hand" or "Left Hand," only the top half of keeper is slotted. To determine hand of door, see page 2.

## L Angle Flange Type

No. 11247 1/2 A, B, C, D and F (Indicate bolt hole to be provided, by affixing letter in accordance with above list).....	Each	\$3.00
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# Lavatory Door Stops and Keepers

For Use with Pivot-Hinges, Single Acting

## Clamp Flange Type

Door Stops listed below are intended for doors hung with pivot-hinges (For example No. C4227S) and with the door hung in the center of the edge of the partition.

No. 1447	For Doors opening in or out, without bolt hole.....	Each	\$2.50
No. 1447A	For Doors opening in, with keeper for No. 1248 bolt.....		2.80
No. 1447B	For Doors opening out, with keeper for No. 1248 bolt.....		2.80
No. 1447C	For Doors opening in, with keeper for No. 1242 or No. 1252 swing latch.....		2.90
No. 1447D	For Doors opening in or out, with keeper for No. 1254 mortise bolt.....		2.80
No. 1447E	For Doors opening in or out, with round bolt hole.....		2.80
No. 1447F	For Doors opening in, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....		2.90
No. 1447G	For Doors opening out, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....		2.90
No. 1447H	For Doors opening out, with keeper for No. 1242 or No. 1252 swing latch.....		2.90

Numbers 1447 to 1447H, inclusive, have adjustable clamp flanges and open head nuts on bolts, permitting adjustment of  $\frac{1}{8}$  in., under and over the following sizes by which they are specified:—1 in.,  $1\frac{1}{4}$  in.,  $1\frac{1}{2}$  in.,  $1\frac{3}{4}$  in., and 2 in.

Closed head nuts can be supplied for adjustable clamp flanges, but they are not practical if thickness of partition varies.

If No. 1447C or No. 1447H is specified "Right Hand" or "Left Hand," only the top half of keeper is slotted. To determine hand of door, see page 2.

Always specify thickness of both Partition and Door.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

Packed complete with bolts of same finish.

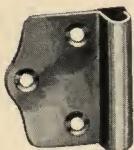
Telegraph code, page 52. Table of weights, page 60. Description of finishes, page 6.

# Miscellaneous Lavatory Door Stops and Keepers

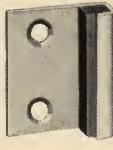
Polished Brass Metal, Nickel Plated

Door Bolts and Latches are Illustrated on Page 36

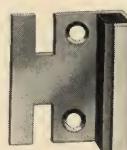
For Application to Wood Partitions



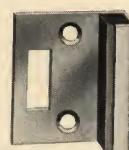
Type 1243



Type 1245



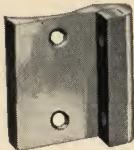
Type 1345C



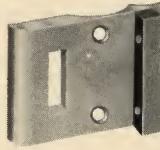
Type 1345F

		Each
No. 1243	Applied to surface of door flush with partition.....	\$0.80
No. 1245	Applied to edge of door or partition.....	.80
No. 1345C	With Keeper for Swing Latch. For doors opening in.....	1.70
No. 1345F	With Keeper for Rim or Slide Bolt. For doors opening in.....	1.70
	Specify height and width of bolt bar for items with keeper.	
	Packed complete with wood or machine screws as specified.	

For Application to Pipe Standards



Type 1241



Type 1241F

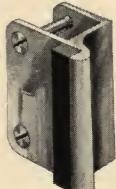


Type 1241C

Each  
\$0.80  
.80  
1.70  
1.70

		Each
No. 1241	Applied to pipe standard with machine screws.....	\$1.70
No. 1241F	With Keeper for Rim or Slide Bolt. Doors open in.....	2.20
No. 1241C	With Keeper for Swing Latch. Doors open in. (Specify hand of door, see Page 2).....	2.20
	Always specify outside diameter of pipe and thickness of door.	
	Also specify height and width of bolt bar for items with keeper.	
	Packed complete with wood or machine screws as specified.	

For Partitions without Hanging Stile—Single Acting Doors



Type 1253



Type D1253



Type 1251



Type D1251

Each  
\$3.10  
3.50  
3.80  
4.50  
3.10  
3.50  
3.80  
4.50

No. 1253	For Doors opening in, Single door.....	\$3.10
*No. 1253	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....	3.50
No. D1253	For Doors opening in. Doors hung right and left to same partition.....	3.80
*No. D1253	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....	4.50
No. 1251	For Doors opening out. Single door.....	3.10
*No. 1251	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....	3.50
No. D1251	For Doors opening out. Doors hung right and left to same partition.....	3.80
*No. D1251	Cut for Nos. 1238, 1240, 1244, 1248, 1250 or 1254 bolt.....	4.50

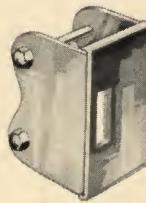
\*Always specify Number of Bolt, so proper cut will be made in door stop.

For Partitions with Hanging Stile—Double Acting Doors

No. 1347A	For Double Acting Doors, with keeper for No. 1248 bolt.....	\$2.50
No. 1347C	For Double Acting Doors, with keeper for No. 1242 or No. 1252 latch.....	2.50
No. 1347D	For Double Acting Doors, with keeper for No. 1254 bolt.....	2.50
No. 1347E	For Double Acting Doors, with keeper for round bolt.....	2.50
No. 1347F	For Double Acting Doors, with keeper for Nos. 1238, 1240, 1244 or 1250 bolt.....	2.50

These Keepers are for double acting doors, therefore it is not necessary to specify if doors open in or out. The keepers are suitable for right or left-hand doors.

Always specify Number of Bolt, so proper cut will be made in door stop.



Type 1347A

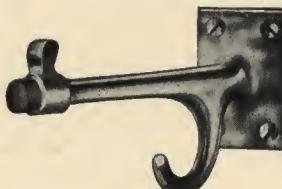
Always specify thickness of both partition and door. Single Acting Doors will always be considered as flush with partition on side where axis of hinge is located, unless otherwise specified. For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price. For Oxidized finishes add 10% to list price. For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price. For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price. Packed complete with bolts of same finish. Telegraph code, pages 52, 53. Table of weights, page 60. Description of finishes, page 6.

# Lavatory Door Accessories

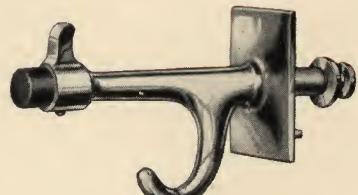
Polished Brass Metal, Nickel Plated



Type 1231  
Door Pull  
Bases  $5\frac{1}{8} \times 1\frac{1}{8}$ ". Length  $4\frac{1}{2}$ ".  
No. 1231. .... Each \$0.70



Type 1233  
Hook and Bumper  
Base  $1\frac{1}{2} \times 2$ ". Projection  $3\frac{3}{4}$ ".  
For Lavatory Stall Doors.  
No. 1233. .... Each \$1.60



†Type 1234  
Hook and Bumper  
Base  $1\frac{1}{2} \times 2$ ". Projection  $3\frac{3}{4}$ ".  
For Door or Partition—Specify  
Thickness.  
No. 1234. .... Each \$1.90

†Same design and size as No. 1233, except spindle projects through door or partition and is fastened with one screw and washer. A projecting dowel prevents it from turning.

For Bright Brass Metal (US3 finish) and Bright Bronze Metal (US9 finish) use list price.

For Oxidized finishes add 10% to list price.

For Bright Chromium Plated finish (US26 finish) or Dull Chromium Plated finish (US26D finish) add 20% to list price.

For White Bronze (US25 finish) add 25% to list price and for White Bronze Chromium Plated finish add 45% to list price.

## Fastenings

(Bolts, Nuts and Washers)

Polished Brass Metal, Nickel Plated



Type 60



Type 80



Type 100



Type OS110



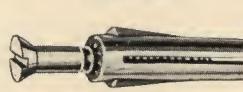
Type 160



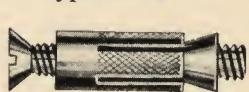
Type O160



Type 5



Type 140



Type 114

No.	Description	PRICE PER HUNDRED	
		Nickel Plated Brass Metal	Chromium Plated Brass Metal
*Type 60	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type 160 Nut	\$ 9.30	\$15.90
*Type O60	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type O160 Nut	9.30	15.90
*Type 80	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type 160 Nut and Type 5 Washer	10.90	17.60
*Type O80	$\frac{1}{4}$ -20 x $1\frac{1}{4}$ in. with Type O160 Nut and Type 5 Washer	10.90	17.60
*Type 100	Screws (flat head slotted) $\frac{1}{4}$ -20 x $\frac{1}{2}$ in. Sleeve $\frac{3}{8} \times \frac{7}{8}$ in.	16.00	22.00
*Type OS110	Screws (oval head spanner) $\frac{1}{4}$ -20 x $\frac{1}{2}$ in. Sleeve $\frac{3}{8} \times \frac{7}{8}$ in.	20.30	25.30
Type 160	Cap Nut (closed) $\frac{1}{4}$ -20 thread	2.50	5.80
Type O160	Cap Nut (open) $\frac{1}{4}$ -20 thread	2.50	5.80
Type 5	Flat Washer, $\frac{3}{8}$ in. diam., $\frac{1}{4}$ in. hole	1.60	5.00
Type 15	Countersunk Washer, $\frac{3}{8}$ in. diam., $\frac{1}{4}$ in. hole	5.20	7.50
Type 140	Lead Anchor with brass wood screw $14 \times 1\frac{1}{4}$	11.00	14.00
Type 114	Expansion Sleeve, $\frac{3}{4}$ in. long, with brass machine screw $\frac{1}{4}$ -20 x $1\frac{1}{4}$ in.	13.50	16.50
Type 90	Steel Toggle head only, $\frac{1}{4}$ -20 thread, unfinished		\$11.50

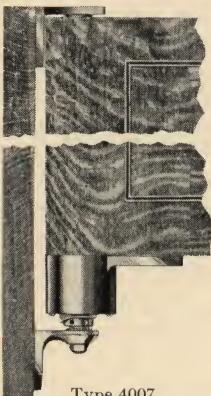
\*For each additional  $\frac{1}{4}$  in. greater than  $1\frac{1}{4}$  in. between faces of nuts or face of nut and screw add \$0.50 net per hundred. This same addition applies to sleeves over  $\frac{7}{8}$  in. long.

Unless otherwise specified, our lavatory door equipment will be supplied with type of bolt illustrated and size of bolt that is our standard.

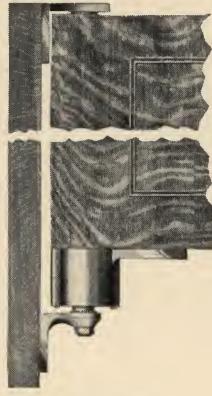
Telegraph code, page 53. Description of finishes, page 6.

# Chicago "Sagless" Spring Pivot-Hinges

Double Acting—For Gates or Dwarf Doors—Ball-Bearing—Alignment Feature



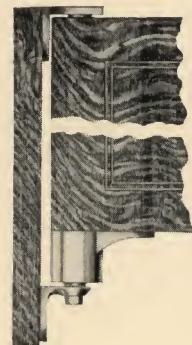
Type 4007  
Adjustable Tension.  
Clearance under Gate  
not less than 5 in.  
Thickness of Gate or  
Handrail  $1\frac{1}{8}$  to  $2\frac{1}{2}$  in.



Type 6007  
Clearance under Gate  
not less than  $4\frac{1}{2}$  in.  
Thickness of Gate or  
Handrail  $\frac{5}{8}$  to  $2\frac{1}{2}$  in.



Type 6007M-RB  
Clearance under Gate  
not less than  $1\frac{1}{8}$  in.  
Thickness of Gate or  
Handrail  $\frac{5}{8}$  to  $2\frac{1}{2}$  in.



Type 7007  
Thickness of Gate or  
Handrail  $\frac{5}{8}$  to 2 in.

Same design as Type 6007, except it is smaller and has less spring power.

## IRON POLISHED (Description of Finishes, Page 6)

Dead Black (Unpolished) . . . . .	Japanned
Brass, Bright. . . . .	Plated
Brass, Dull. . . . .	"
Brass, Oxidized, Dull. . . . .	"
Bronze, Bright. . . . .	"
Bronze, Dull. . . . .	"
Bronze, Oxidized, Dull. . . . .	"
Statuary Bronze. . . . .	"
Copper, Oxidized, Bright. . . . .	"
*Zinc, Dull (Galvanized). . . . .	"
Nickel, Bright. . . . .	"
Nickel, Dull. . . . .	"
Nickel, Sanded. . . . .	"
Brass, Oxidized, Sanded. . . . .	"
Bronze, Oxidized. . . . .	"
Statuary Bronze. . . . .	"
Dull Black (Ox'd). . . . .	"
Bower Barff. . . . .	
Chromium, Bright. . . . .	Plated
Chromium, Dull. . . . .	"

U. S. Standard Finish Symbol	Type 4007 or Type 4007M-RB		Type 6007 or Type 6007M-RB	
	No.	Price Per Set	No.	Price Per Set
US1D	4007	\$4.30	6007	\$3.90
US3	4117	6.40	6117	5.80
US4	4287	"	6287	"
US5	4277	"	6277	"
US9	4137	"	6137	"
US10	4297	"	6297	"
US11	4237	"	6237	"
US20	4317	"	6317	"
US8	4177	"	6177	"
US2G	4397	"	6397	"
US14	4217	7.60	6217	6.90
US15	4027	"	6027	"
US16	4187N	"	6187N	"
US6	4187OB	"	6187OB	"
US12	4187OBZ	"	6187OBZ	"
US21	4187SB	"	6187SB	"
US19	4167	"	6167	"
US18	4127	8.40	6127	7.60
US26	4997	See note	6997	See note
US26D	4987	" "	6987	" "

## BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)

	No.		No.
Brass Metal, Bright. . . . .	US3	4057	\$10.70
Bronze " " " " "	US9	4047	"
Brass " Dull. . . . .	US4	4077	11.90
Brass " Oxidized, Dull. . . . .	US5	4197	"
Bronze " Dull. . . . .	US10	4067	"
Bronze " Oxidized, Dull. . . . .	US11	4257	"
Bronze " Statuary. . . . .	US20	4367	"
Brass " Ox'd Copper. . . . .	US8	4097	"
Brass " Bright Nickel. . . . .	US14	4227	"
Brass " Dull Nickel. . . . .	US15	4267	"
Brass " Nickel, Sanded. . . . .	US16	4387N	"
Brass " Oxidized, Sanded. . . . .	US6	4387OB	"
Bronze " " " " "	US12	4387OBZ	"
Bronze " Statuary, Sanded. . . . .	US21	4387SB	"
Brass " Bright Chromium. . . . .	US26	4407	See note
Brass " Dull Chromium. . . . .	US26D	4427	" "

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on steel add 25% to list price of Steel Nickel Plated and on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one set in a box with screws of same finish and instructions for applying.

Telegraph code, page 53. Table of weights, page 60. Detail drawings with measurements, page 59.

## Type 4007

The important and exclusive features of this hinge are: spring tension which may be easily adjusted after the hinge has been applied and an extra ball-bearing in the top socket which eliminates friction and wear.

It also has an adjustable pintle, with locking device, which permits setting the gate to remain at rest in any desired position.

The spring is made of best tempered steel flat wire and is large enough for heavy duty conditions, but the adjustable tension makes it equally suited to light gates.

The application is extremely simple as it is applied to the surface of the gate post and if desired the top socket may be applied to the surface of the gate. This hinge is also made to mortise into gate, with reverse brackets similar to Type 6007M-RB and is Type 4007M-RB. Clearance under gate not less than  $2\frac{3}{8}$  in.

## Type 6007

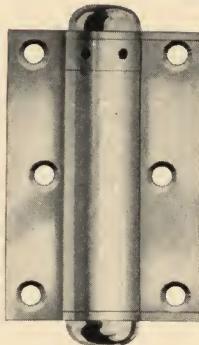
The Type 6007 hinge is also of the Sagless Type but has not the exclusive features of the Type 4007. It will be found highly satisfactory where, for economy, these features must be omitted.

If the gate extends near the floor level, use Type 6007M-RB hinge. This hinge is mortised into the gate and requires a clearance of only  $1\frac{1}{8}$  inches under the gate.

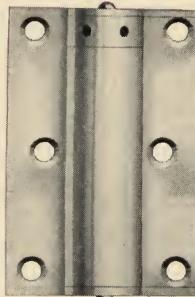
## Type 7007

The Type 7007 hinge is the same general design as the Type 6007, except that it is smaller and has less spring power. List prices for Type 7007 finishes are the same as for Type 6007 finishes. Finish numbers correspond except for first digit.

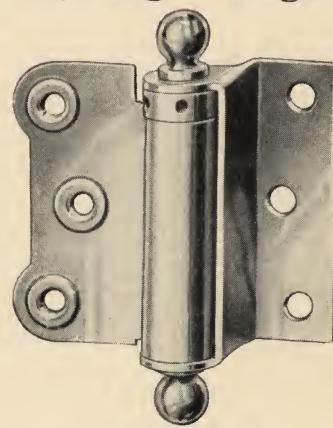
# Chicago Cabinet and Refrigerator Spring Hinges



Type 6005  
Size 3 x 2 In.



Type 5005  
Size 3 x 2 In.



Type 14005  
Size 3 x 3 1/4 In. with 3/8 In. Offset

STEEL PLANISHED (Description of Finishes, Page 6)	U. S. Standard Finish Symbol	Type 6005		Type 5005		Type 14005	
		No.	Price per Pr.	No.	Price per Pr.	No.	Price per Pr.
Dead Black.....	Japanned	US1D	6005	\$1.40	5005	\$1.20	14005
Brass, Bright.....	Plated	US3	6115	1.80	5115	1.60	14115
Brass, Dull.....	"	US4	6285	"	5285	"	14285
Brass, Oxidized, Dull.....	"	US5	6275	"	5275	"	14275
Bronze, Bright.....	"	US9	6135	"	5135	"	14135
Bronze, Dull.....	"	US10	6295	"	5295	"	14295
Bronze, Oxidized, Dull.....	"	US11	6235	"	5235	"	14235
Statuary Bronze.....	"	US20	6315	"	5315	"	14315
Copper, Oxidized, Bright.....	"	US8	6175	"	5175	"	14175
*Zinc, Dull (Galvanized).....	"	US2G	6395	"	5395	"	14395
Nickel, Bright.....	"	US14	6215	2.40	5215	2.10	14215
Nickel, Dull.....	"	US15	6025	"	5025	"	14025
Nickel, Sanded.....	"	US16	6185N	"	5185N	"	14185N
Brass, Oxidized, Sanded.....	"	US6	6185OB	"	5185OB	"	14185OB
Bronze, ".....	"	US12	6185OBZ	"	5185OBZ	"	14185OBZ
Statuary Bronze, ".....	"	US21	6185SB	"	5185SB	"	14185SB
Dull Black (Oxidized), Sanded.....	"	US19	6165	"	5165	"	14165
Chromium, Bright.....	"	US26	6995	Price on Appl'n	5995	Price on Appl'n	14995
Chromium, Dull.....	"	US26D	6985	Price on Appl'n	5985	Price on Appl'n	14985
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)			No.		No.		No.
Brass Metal, Bright.....	US3	6055	\$3.70	5055	\$3.30	14055	\$4.00
Bronze ".....	US9	6045	"	5045	"	14045	"
Brass " Dull.....	US4	6075	4.20	5075	3.70	14075	4.50
Brass " Oxidized, Dull.....	US5	6195	"	5195	"	14195	"
Bronze " Dull.....	US10	6065	"	5065	"	14065	"
Bronze " Oxidized, Dull.....	US11	6255	"	5255	"	14255	"
Bronze " Statuary.....	US20	6365	"	5365	"	14365	"
Brass " Bright Nickel.....	US14	6225	"	5225	"	14225	"
Brass " Dull Nickel.....	US15	6265	"	5265	"	14265	"
Brass " Oxidized, Sanded.....	US6	6385OB	"	5385OB	"	14385OB	"
Brass " Bright Chromium.....	US26	6405	See note	5405	See note	14405	See note
Brass " Dull Chromium.....	US26D	6425	"	5425	"	14425	"

Type 6005 and 5005 Chicago Cabinet Door Spring Hinges are specially suitable for small doors on cabinets, display cases and lockers or other doors having a stile as narrow as one inch.

Type 14005 Chicago Refrigerator Spring Hinges are designed for refrigerator or other doors requiring a hinge with  $\frac{3}{8}$  inch offset. They can be supplied with different offsets on special order. Information regarding other Types of Refrigerator Spring Hinges and Cooler Door Closers will be sent on request.

The springs, which operate these hinges, are made of the best tempered steel wire, are enclosed to protect them against moisture, and present a neat appearance. A tension adjustment is provided for regulating the action of the spring.

When so ordered, these hinges will be furnished with reverse acting springs to hold the door open.

\*For plated finishes on Zinc Plated finish add 10% to the list price of finish wanted.

For Chromium Plated, bright or dull, on brass metal add 20% to list price of Brass Nickel Plated.

The finishes listed are standard. If a special finish is desired, send a sample or description.

Packed one pair in a box with screws of same finish and tension adjuster.

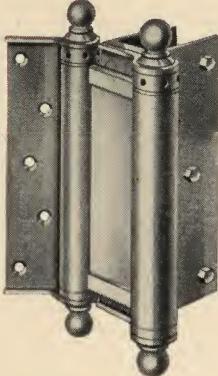
In ordering always state "Number."

Telegraph code, page 53. Table of weights, page 60.

TRADE **(CHICAGO)** MARK  
**SPRING HINGES**

# Chicago "Triplex" Clamp-Flange Spring Hinges

Double Acting Type 12001  
For Metal Covered Doors



Type 12001

STEEL PLANISHED (Description of Finishes, Page 6)	Length of Flange No.	U. S. Standard Finish Symbol	INCHES		
			8	10	12
Dead Black.....Japanned	12001	US1D	\$18.00	\$24.70	\$31.10
Primed.....For Painting	12011	USP	"	"	"
Brass, Bright.....Plated	12111	US3	24.30	33.30	42.00
Brass, Dull....."	12281	US4	"	"	"
Bronze, Bright....."	12131	US9	"	"	"
Bronze, Dull....."	12291	US10	"	"	"
*Zinc, Dull (Galvanized)....."	12391	US2G	"	"	"
Nickel, Bright....."	12211	US14	28.80	39.40	49.80

## Specification Schedule

Length of Flanges	Thickness of Door	Depth of Clamp	Width of Door Stile Not Less Than	Bolts for Clamp Flange
8 inches	1 1/2 to 1 3/4 in.	3 inches	3 5/8 inches	5-1/4 inch
10 inches	1 3/4 to 2 in.	3 inches	3 5/8 inches	5-5/16 inch
12 inches	2 to 2 1/2 in.	4 inches	4 3/4 inches	5-3/8 inch

†Always state exact thickness of door.

Use the largest size hinge which the thickness of door will allow.

The Chicago "Triplex" Clamp-Flange Spring Hinge has been designed for use on heavy metal covered doors. The clamp flange is attached to the door with five through bolts and provides a secure method of attaching the hinge to this type of door.

If doors are extra heavy or subject to frequent use, it is better to use three hinges to a door.

Flat head machine screws will be furnished for applying jamb flange unless wood screws are specified.

## For Doors without Hanging Strip, Type 19001

For doors to be hung without a hanging strip, use the "Simplex" Clamp-Flange Spring Hinge.

This hinge is made in 8 and 10 inch sizes at the same prices as the "Triplex" Clamp-Flange Spring Hinge.

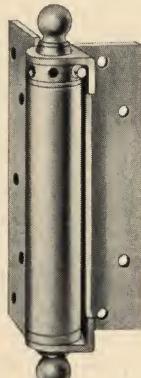
## Spring Hinges with Two Clamp Flanges, Type 22001

The "Triplex" Spring Hinge can be furnished with two clamp flanges for use where hanging strip of sufficient width is provided. Price will be quoted on application.

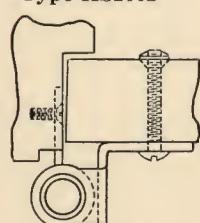
## Chicago "Triplex" Half Surface Spring Hinges

### Single Acting Type HS2002

#### For Metal Covered Doors



Type HS2002



STEEL PLANISHED (Description of Finishes, Page 6)	Length of Flange No.	U. S. Standard Finish Symbol	INCHES		
			4	6	7
Dead Black.....Japanned	HS2002	US1D	\$3.40	\$4.80	\$6.10
Primed.....For Painting	HS2012	USP	"	"	"
Brass, Bright.....Plated	HS2112	US3	4.50	6.70	8.60
Brass, Dull....."	HS2282	US4	"	"	"
Brass, Oxidized, Dull....."	HS2272	US5	"	"	"
Bronze, Bright....."	HS2132	US9	"	"	"
Bronze, Dull....."	HS2292	US10	"	"	"
Bronze, Oxidized, Dull....."	HS2232	US11	"	"	"
Statuary Bronze....."	HS2312	US20	"	"	"
Copper, Oxidized, Bright....."	HS2172	US8	"	"	"
*Zinc, Dull (Galvanized)....."	HS2392	US2G	"	"	"
Nickel, Bright....."	HS2212	US14	5.80	8.60	11.10
Nickel, Dull....."	HS2022	US15	"	"	"

The Type HS2002 Half Surface Spring Hinge is designed for application to metal doors and jambs used as fire protection.

Unless otherwise specified the 6 in. and 7 in. hinges are furnished with F. H. machine screws for jamb flange and  $\frac{5}{16}$  in. x  $2\frac{1}{8}$  in. R. H. bolts with grommet nuts for door flange for  $1\frac{3}{4}$  in. doors. The 4 in. hinge is furnished with F. H. machine screws 8-32 x  $\frac{1}{2}$  in. for jamb flange and R. H. machine screws 10-24 x  $\frac{1}{2}$  in., without nuts for the door flange.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

The finishes listed are standard. If a special finish is desired, send a sample or description.

In ordering, always state "Number" and "Size".

Packed with screws and bolts of same finish, also tension adjuster.

TRADE **CHICAGO** MARK  
**SPRING HINGES**

# Chicago Checking Door Closer

Pneumatic Check Control—Heavy Duty Spring  
For Screen Doors, Light Interior Doors and Office Gates  
Adjustable Spring Tension—Concealed Spring—Adjustable Checking Valve

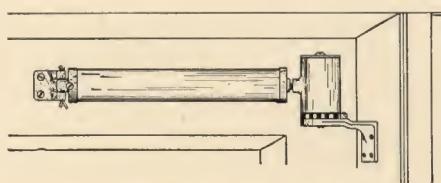


Type 25 and Type 125

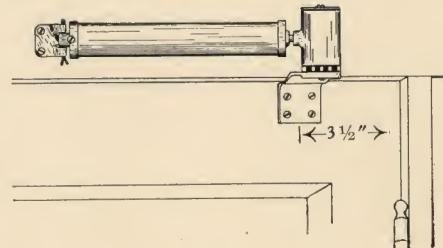
**Heavy Iron Metal**  
(Brass Metal Checking Cylinder)

FINISH (Unpolished Metal)	Without Shock Absorber		With Shock Absorber	
	Number	Price Each	Number	Price Each
Bronze Color.....	25BL	\$2.60	125BL	\$3.00
Dull Nickel Color.....	25DNL	2.60	125DNL	3.00
Statuary Bronze Color.....	25SBL	2.60	125SBL	3.00
Zinc, Dull (Galvanized).....	25ZP	3.70	125ZP	4.10

## Method of Application



Application on Reverse Side  
of Door from Hinge Axis



Application on Side of  
Door with Hinge Axis

The closer may be applied to either side of door, as best suited to conditions.

## Type 125 Closer With Spring Cushion Shock Absorber

The Type 125 Door Closer is particularly suitable for combination screen and storm doors as it has the added feature of a spring cushion shock absorber. This shock absorber begins to offer resistance when the door is opened beyond approximately 80 degrees.

The resistance increases as the door continues to open and reduces the speed of the door, which checks it from being violently opened far enough to cause damage to the door, hinges or casing.

## Special Features

### Type 25 and Type 125

These checking door closers have heavy construction in all parts. The spring is large for heavy duty, with tension adjustment for regulating spring action to varying conditions. Spring is concealed, thereby giving it proper protection and improving the appearance of the closer.

The checking cylinder is brass metal which avoids corrosion and the checking action is controlled by a needle point valve screw which can be easily adjusted at any time. The valve screw turns against the friction of a small compression spring, so it will remain where it is placed.

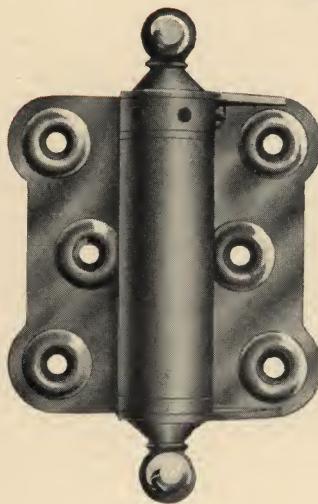
The attaching plate at the valve end of the checking cylinder is fastened with a large cotter pin. By removing this pin and the screw which fastens the bracket to the closer, the door can be taken down without removing any wood screws.

These closers are particularly suitable where there is a limited space between the screen door and the entrance door. Although they have a heavy duty spring they can be applied in a space as narrow as 2 inches.

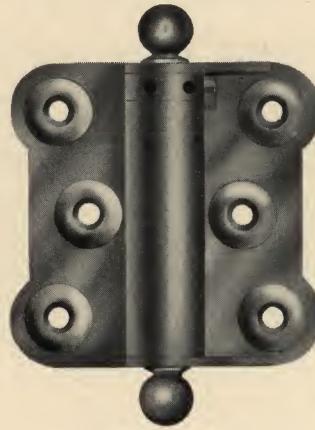
Telegraph code, page 53. Table of weights, page 60.

# Chicago Screen Door Spring Hinges

Superior Quality—Wrought Metal  
Adjustable Tension



Type 2005  
Surface  
Size 3x3 Inches



Type 3005  
Surface  
Size 3x3 Inches



Type 4005  
Half Surface  
Flange 3 Inches

STEEL PLANISHED (Description of Finishes, Page 6)	U. S. Standard Finish Symbol	Type 2005		Type 3005		Type 4005	
		No.	Price Per Pair	No.	Price Per Pair	No.	Price Per Pair
Dead Black.....	Japanned	US1D	2005	\$1.30	3005	\$1.00	4005
Primed.....	For Painting	USP	2015	"	3015	"	4015
Brass, Bright.....	Plated	US3	2115	1.40	3115	1.10	4115
Brass, Dull.....	"	US4	2285	"	3285	"	4285
Brass, Oxidized, Dull.....	"	US5	2275	"	3275	"	4275
Bronze, Bright.....	"	US9	2135	"	3135	"	4135
Bronze, Dull.....	"	US10	2295	"	3295	"	4295
Bronze, Oxidized, Dull.....	"	US11	2235	"	3235	"	4235
Statuary Bronze.....	"	US20	2315	"	3315	"	4315
Copper, Oxidized, Bright.....	"	US8	2175	"	3175	"	4175
*Zinc, Dull (Galvanized).....	"	US2G	2395	"	3395	"	4395
Nickel, Bright.....	"	US14	2215	1.60	3215	1.20	4215
Nickel, Dull.....	"	US15	2025	"	3025	"	4025
Nickel, Sanded.....	"	US16	2185N	"	3185N	"	4185N
Brass, Oxidized, Sanded.....	"	US6	2185OB	"	3185OB	"	4185OB
Bronze, ".....	"	US12	2185OBZ	"	3185OBZ	"	4185OBZ
Dull Black (Oxidized), Sanded.....	"	US19	2165	"	3165	"	4165
BRASS OR BRONZE METAL POLISHED (Description of Finishes, Page 6)			No.		No.		No.
Brass Metal, Bright.....	US3	2055	\$3.50	3055	\$2.80	4055	\$2.80
Bronze "	US9	2045	"	3045	"	4045	"
Brass " Dull.....	US4	2075	3.90	3075	3.20	4075	3.20
Brass " Oxidized, Dull.....	US5	2195	"	3195	"	4195	"
Bronze " Dull.....	US10	2065	"	3065	"	4065	"
Bronze " Oxidized, Dull.....	US11	2255	"	3255	"	4255	"
Bronze " Statuary.....	US20	2365	"	3365	"	4365	"
Brass " Oxidized Copper Plated.....	US8	2095	"	3095	"	4095	"
Brass " Bright Nickel.....	US14	2225	"	3225	"	4225	"
Brass " Dull Nickel.....	US15	2265	"	3265	"	4265	"
Brass " Oxidized, Sanded.....	US6	2385OB	"	3385OB	"	4385OB	"
Bronze " "	US12	2385OBZ	"	3385OBZ	"	4385OBZ	"
Brass " Bright Chrom. Plated.....	US26	2405	See note	3405	See note	4405	See note
Brass " Dull Chrom.....	US26D	2425	" "	3425	" "	4425	" "

These Screen Door Hinges are made of heavy wrought metal. The springs are made of tempered steel wire and are entirely enclosed. The finish is excellent and the workmanship of highest quality.

Type 4005 Screen Door Hinges are necessary when the surface of the casing and door are not flush, or when the design of the casing is not suitable for a surface flange.

\*For plated finishes over Zinc Plated finish add 10% to the list price of finish wanted.

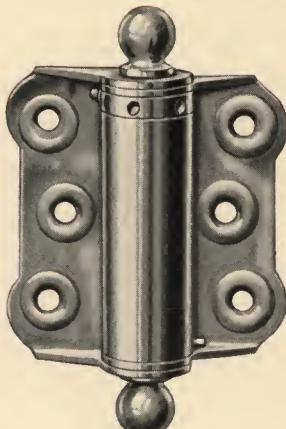
For Chromium Plated, bright or dull, on brass metal add 20% to list price of Brass Nickel Plated.

Packed one pair in a box, with screws of same finish and tension adjuster.

When so ordered, these hinges will be furnished with reverse acting springs, to hold the door open.

Telegraph code, page 53. Table of weights, page 60.

# Chicago Screen Door Spring Hinges



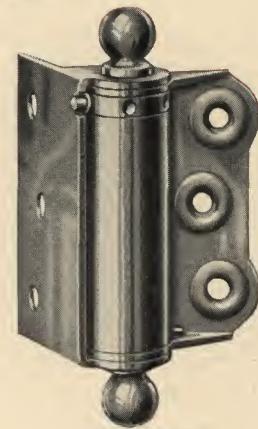
Type 28005  
Surface  
Size  $2\frac{3}{4} \times 2\frac{3}{4}$  Inches

## Detachable Type Adjustable Tension

These hinges are detachable and by releasing the tension and removing the ball tip a door may be taken down without removing any screws.

An adjustable tension is also provided and the spring action may be regulated according to the weight of the door or to meet the wishes of the individual.

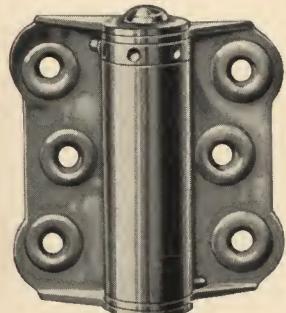
In addition to the above features these hinges are substantially constructed of heavy gauge metal and equipped with a quality spring of ample proportions.



Type 38005  
Half Surface  
Flange  $2\frac{3}{4}$  Inches

STEEL	U. S. Standard Finish Symbol	Type 28005		Type 38005	
		No.	Price Per Dozen Pairs	No.	Price Per Dozen Pairs
Dead Black.....	Japanned	US1D	\$ 9.60	38005	\$ 9.60
Primed.....	For Painting	USP	9.60	38015	9.60
Brass, Dull.....	Plated	US4	10.80	38285	10.80
Copper, Oxidized, Bright.....	"	US8	10.80	38175	10.80
Zinc, Dull (Galvanized).....	"	US2G	10.80	38395	10.80
Nickel, Bright.....	"	US14	12.00	38215	12.00
Brass, Oxidized, Sanded.....	"	US6	12.00	38185OB	12.00

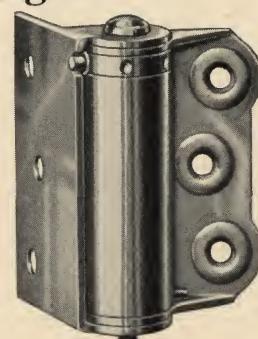
# Chicago Screen Door Spring Hinges



Type 8005  
Surface  
Size  $2\frac{3}{4} \times 2\frac{3}{4}$  Inches

## Detachable Type—Loose Pin Adjustable Tension

These hinges are similar in construction to Type 28005 and 38005, described above, but do not have ball tips. They may be classed as of the loose pin type because by releasing the tension the hinge pin may be drawn in the same manner as an ordinary loose pin butt. This detachable feature permits taking down the door without removing any screws and is a great convenience.



Type 18005  
Half Surface  
Flange  $2\frac{3}{4}$  Inches

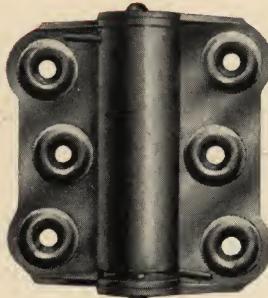
STEEL	U. S. Standard Finish Symbol	Type 8005		Type 18005	
		No.	Price Per Dozen Pairs	No.	Price Per Dozen Pairs
Dead Black.....	Japanned	US1D	\$ 8.40	18005	\$ 8.40
Primed.....	For Painting	USP	8.40	18015	8.40
Brass, Dull.....	Plated	US4	9.60	18285	9.60
Copper, Oxidized, Bright.....	"	US8	9.60	18175	9.60
Zinc, Dull (Galvanized).....	"	US2G	9.60	18395	9.60
Nickel, Bright.....	"	US14	10.80	18215	10.80
Brass, Oxidized, Sanded.....	"	US6	10.80	18185OB	10.80

Packed one pair in a box, with screws of same finish and tension adjuster.  
Telegraph code, page 53. Table of weights, page 60.

# Chicago Screen Door Spring Hinges

## Wrought Steel Non-Adjustable Tension

Size 2 3/4 x 2 3/4 Inches



Type 505

STEEL	No.	U. S. Standard Finish Symbol	Per Dozen Pairs
Bright Black.....Japanned	505	Without Screws	US1B \$ 2.20
Bright Black....."	505X	With "	US1B 3.30
Primed.....For Painting	595P	" "	USP 3.30
Brass, Dull.....Plated	585	" "	US4 4.10
Copper, Ox'd, Bright....."	575	" "	US8 4.10
Zinc, Dull (Galvanized)....."	595ZP	" "	US2G 4.10
Nickel, Bright....."	525	" "	US14 4.70

Packed 1 dozen pairs in a box; 1 gross to a case.

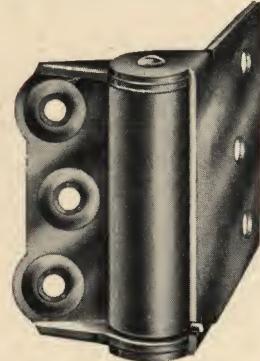
## Screen Door Sets

STEEL	No.	U. S. Standard Finish Symbol	Set Includes	Per Dozen Sets
Bright Black.....Japanned	1505	US1B	1 Pair 505 Hinges, Door Pull, Hook and Eye	\$ 4.30
Primed.....For Painting	1595P	USP	1 " 595P " " " " " "	4.30
Brass, Dull.....Plated	1585	US4	1 " 585 " " " " " "	5.30
Copper, Ox'd, Bright....."	1575	US8	1 " 575 " " " " " "	5.30
Zinc, Dull (Galvanized)....."	1595ZP	US2G	1 " 595ZP " " " " " "	5.30

Packed 1 set in a box, complete with screws of same finish; 1 gross to a case.

## Half Surface—Wrought Steel Non-Adjustable Tension

Flange 2 3/4 Inches



Type 605

STEEL	No.	U. S. Standard Finish Symbol	Per Dozen Pairs
Bright Black.....Japanned	605	Without Screws	US1B \$ 3.20
Bright Black....."	605X	With "	US1B 4.30
Primed.....For Painting	695P	" "	USP 4.30
Brass, Dull.....Plated	685	" "	US4 5.00
Copper, Ox'd, Bright....."	675	" "	US8 5.00
Zinc, Dull (Galvanized)....."	695ZP	" "	US2G 5.00

Packed 1 dozen pairs in a box; 1 gross to a case.

## Screen Door Sets—Half Surface

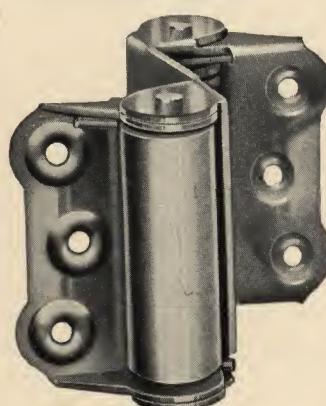
STEEL	No.	U. S. Standard Finish Symbol	Set Includes	Per Dozen Sets
Bright Black.....Japanned	1605	US1B	1 Pair 605 Hinges, Door Pull, Hook and Eye	\$ 5.30
Primed.....For Painting	1695P	USP	1 " 695P " " " " " "	5.30
Brass, Dull.....Plated	1685	US4	1 " 685 " " " " " "	6.20
Copper, Ox'd, Bright....."	1675	US8	1 " 675 " " " " " "	6.20
Zinc, Dull (Galvanized)....."	1695ZP	US2G	1 " 695ZP " " " " " "	6.20

Packed 1 set in a box, complete with screws of same finish; 1 gross to a case.

These Screen Door Hinges are substantially constructed throughout. They have broad bearings at each end and a covered, tempered wire spring, making a durable and attractive hinge for screen door use.

## Chicago Screen Door and Gate Spring Hinges

Double Acting—Wrought Steel  
For Doors or Gates 1 to 1 1/8 Inches Thick



Type 7005 Double Acting  
Flange, 2 3/4 Inches

STEEL	No.	U. S. Standard Finish Symbol	Price Per Dozen Pairs
Bright Black.....Japanned	7005	US1B	\$ 8.60
Brass, Dull.....Plated	7285	US4	10.00
Copper, Oxidized, Bright....."	7175	US8	10.00
Zinc, Dull (Galvanized)....."	7395	US2G	10.00
Nickel, Bright....."	7215	US14	11.00
Brass, Oxidized, Sanded....."	7185OB	US6	11.00

Packed half dozen pairs in a box, with screws of same finish.

This hinge is applied to the surface of the door and hanging strip which avoids mortising. The hinge is made of wrought planished steel which gives an attractive plated finish. These hinges are preferable to cast iron both as to material and finish. The springs are made of tempered steel wire giving good service and they are enclosed which makes a good appearance.

Telegraph code, page 53. Table of weights, page 60.

# Chicago Door Springs

Adjustable Tension

Type 280

IRON METAL, POLISHED  
(Steel Springs)



Sizes  
13 & 14 In.

Length Inches Overall	No.	Bright Black Japanned US1B Per Dozen (Unpolished)	No.	Bronze Plated US9 Per Dozen	No.	Oxidized Copper US8 Per Dozen	No.	Nickel Plated US14 Per Dozen
9	280	\$2.60	230	\$ 9.10	290	\$ 9.10	260	\$10.20
10	280½	3.30	230½	10.60	290½	10.60	260½	11.60
11	281	4.10	231	12.10	291	12.10	261	13.30
12	281½	5.20	231½	13.60	291½	13.60	261½	15.00
13	282	5.90	232	15.00	292	15.00	262	16.50
14	283	7.90	233	18.30	293	18.30	263	20.20

BRASS OR BRONZE METAL, POLISHED  
(Plated Steel Springs)



Sizes  
9, 10, 11  
& 12 In.

Length Inches Overall	No.	Brass Metal US3 Per Dozen	No.	Bronze Metal US9 Per Dozen	No.	Oxidized Copper US8 Per Dozen	No.	Nickel Plated US14 Per Dozen
9	250	\$13.70	240	\$13.70	210	\$15.10	220	\$15.10
10	250½	15.20	240½	15.20	210½	16.80	220½	16.80
11	251	16.70	241	16.70	211	18.30	221	18.30
12	251½	19.30	241½	19.30	211½	21.30	221½	21.30
13	252	22.00	242	22.00	212	24.20	222	24.20
14	253	29.90	243	29.90	213	32.90	223	32.90

Packed: 9 to 12 inch, 1 dozen in box; 13 and 14 inch, ½ dozen in box.  
1 Gross in a case.

All springs, except Japanned finish, packed with screws to match finish.

Each spring is supplied with a tension adjuster and tension rivet for holding the tension.

## Special Features

This door spring is substantially constructed and has a symmetrical appearance. The parts are fastened together, so they are never misplaced. It does not require a special tool to apply the tension on the spring.

# Chicago "Reliance" Door Springs

Adjustable Tension

Type 270

IRON METAL  
(Steel Springs)



Length Inches Overall	No.	Bright Black Japanned US1B Per Dozen
7	270L	\$3.20
8	270M	4.30
10	270H	6.70

Packed: 7 inch, 1 dozen in box; 8 and 10 inch, ½ dozen in box.  
1 Gross in a case. Each spring is supplied with a tension adjuster and tension rivet for holding the tension.  
All springs packed without screws.

## Special Features

This door spring is designed with heavy ends having a projecting flange with three screw holes, thereby giving unusually secure application. The spring is of large diameter and heavy gauge wire. Its weight and power cannot be determined by comparing the length with other types of door springs.

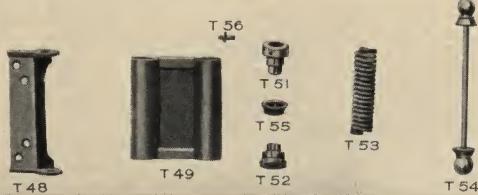
The parts are fastened together, so they are never misplaced. It does not require a special tool to apply the tension on the spring.

Telegraph code, page 53. Table of weights, page 60. Description of finishes, page 6.

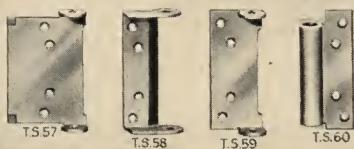
# Illustration of Parts

Prices on Page 49

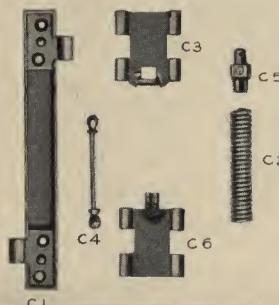
CHICAGO "TRIPLEX" SPRING BUTT-HINGE  
(Double and Single Acting)



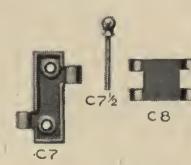
CHICAGO "SIMPLEX" SPRING BUTT HINGE  
(Other parts same as "Triplex")



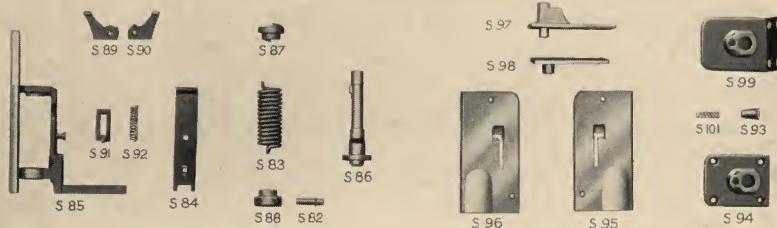
CHICAGO SPRING BUTT-HINGE  
(Double Acting)



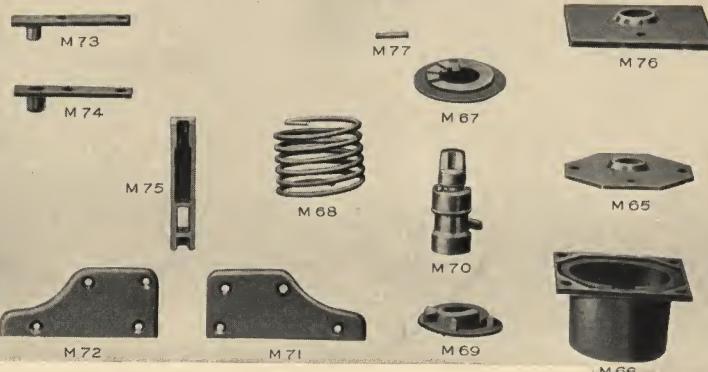
CHICAGO SPRINGLESS BUTT-HINGE  
(Double Acting)



CHICAGO "RELAX" SPRING PIVOT-HINGE



CHICAGO SPRING PIVOT-HINGE



# Prices of Parts

Illustrated on Page 48

## Chicago "Triplex" and "Simplex" Spring Butt-Hinges (Double and Single Acting)

SIZE	NUMBER OF PART (Japanned)												
	T48	T49	T50	T51	T52	T53	T54	T55	T56	TS57	TS58	TS59	TS60
3 in.	\$.32	\$.72	\$.43	\$.23	\$.16	\$.24	\$.39	\$.07	\$.03	\$.32	\$.32	\$.32	\$.43
4 in.	.37	.88	.53	.26	.17	.29	.40	.14	.03	.37	.37	.37	.53
5 in.	.46	1.08	.65	.29	.20	.35	.43	.20	.03	.46	.46	.46	.65
6 in.	.60	1.31	.79	.36	.26	.37	.48	.26	.06	.60	.60	.60	.79
7 in.	.89	1.86	1.11	.48	.29	.45	.53	.29	.06	.89	.89	.89	1.11
8 in.	1.53	2.69	1.61	.66	.42	.58	.65	.40	.09	1.53	1.53	1.53	1.61
10 in.	2.48	3.92	2.35	.81	.53	.76	.75	.45	.13	2.48	2.48	2.48	2.35
12 in.	3.41	5.88	3.53	.92	.62	1.20	.82	.49	.17	.....	.....	.....	.....

## Chicago Spring and Springless Butt-Hinges (Double Acting)

SIZE	NUMBER OF PART (Japanned)								
	C1	C2	C3	C4	C5	C6	C7	C7½	C8
7/8 to 1 in.	\$.72	\$.55	\$.43	\$.14	\$.27	\$.43	\$.36	\$.14	\$.29
1 1/8 to 1 1/4 in.	.92	.65	.55	.14	.32	.55	.47	.14	.36
1 3/8 to 1 1/2 in.	1.08	.72	.61	.22	.43	.61	.50	.22	.43
1 3/4 to 2 in.	1.44	1.08	.72	.36	.61	.72	.65	.36	.47
2 1/4 to 2 1/2 in.	2.88	1.80	1.44	.72	.90	1.44	1.15	.72	.97
2 5/8 to 3 in.	4.32	2.52	2.16	1.08	1.94	2.16	1.80	1.08	1.37

## Chicago "Relax" Spring Pivot-Hinges

SIZE	NUMBER OF PART (Japanned)								
	S83	S84	S85	S86	S87	S88	S89	S90	S91
1 1/8 to 1 1/2 in.	\$.52	\$.43	\$.15	\$.52	\$.52	\$.52	\$.40	\$.40	\$.43
1 1/2 to 2 in.	.72	.65	2.46	.72	.72	.72	.58	.58	.65
1 3/4 to 2 3/4 in.	1.14	.98	3.72	1.14	1.14	1.14	.88	.88	.98
SIZE	NUMBER OF PART (Japanned)								
	S92	S93	S94	S95	S96	S97	S98	S99	S101
1 1/8 to 1 1/2 in.	\$.09	\$.09	\$.65	\$.52	\$.52	\$.52	\$.33	\$.30	\$.09
1 1/2 to 2 in.	.13	.13	.86	.72	.72	.72	.49	1.84	.13
1 3/4 to 2 3/4 in.	.19	.19	1.32	1.14	1.14	1.14	.72	2.81	.19

## Chicago Spring Pivot-Hinges

SIZE	NUMBER OF PART (Japanned)											
	M65	M66	M67	M68	M69	M70	M71	M72	M73	M74	M75	M76
7/8 to 1 1/2 in.	\$.56	\$.73	\$.56	\$.39	\$.50	\$.66	\$.52	\$.52	\$.33	\$.33	\$.40	\$.05
1 1/8 to 2 in.	.66	2.23	.66	.53	.60	.86	.60	.60	.50	.50	.56	1.32
2 1/8 to 2 1/2 in.	.99	2.56	.99	.84	.88	1.24	.84	.84	.66	.66	.84	1.83
2 1/2 to 3 1/2 in.	2.12	3.77	1.40	1.20	1.27	1.66	1.20	1.20	1.17	1.17	1.20	2.16

NOTE—For Japanned and unfinished parts, no extra charge.

For Plated parts on steel, add 25%.

For Brass or Bronze metal parts, add 200%.

For Plated parts on Brass or Bronze metal, add 10% to Brass or Bronze metal price.

Transportation charges are additional. A minimum charge of 25 cents is made on any transaction. Charges on goods which are to be repaired or refinished will be made on actual time employed and for such new parts as may be required. Any part RETURNED which shows defective material or workmanship will be replaced gratis.

When ordering parts always specify the part required by LETTER and NUMBER.

Always state the SIZE and FINISH of the hinge for which the part is intended.

If unable to give the required description, send a sample of the part.

Cable Address  
Springhing—Chicago

# Private Telegraph Code

Codes  
Lieber and Private

## Chicago "Triplex" Spring Butt-Hinges (Pages 10 and 11)

In specifying the quantity do not say pairs; we assume it.

When ordering "Single Acting Hinges" use word from list below for same finish and size, and prefix the letters "Sin" to the code word.

If single acting hinges are required with reverse acting springs, follow the code word with the word "Reverse."

NUMBERS (Steel Metal)

Flange Inches	2001	2011	2111	2281	2271	2131	2291	2311	2171	2391	2211	2021	2181OB	2161	2991
3.....	tabel	taumz	tadaf	tafad	tabah	tajay	talaw	tapas	taraq	teijm	tatao	tawam	tayak	tecaj	tenyj
4.....	tabga	taunb	taddi	tafbe	tahde	tajdo	talcy	tapecu	tareu	teika	tates	tawed	taybl	tecie	teoaw
5.....	tabic	taucu	tadej	taffi	tahij	tajep	talen	tapecw	taryi	teilb	tatgu	tawih	tayfe	tecow	teobx
6.....	tabou	taupd	tados	tafoq	taiaz	tajit	taflo	taipy	tarlo	teime	tatiw	tawoz	taygd	tecqy	tecoy
7.....	tabsy	tauqe	tadqu	tafsu	taibn	tajiu	talir	taipn	tasap	tatky	tawus	taymj	tecup	teodz	teoed
8.....	tagac	taurf	tadyp	tagac	takax	takay	tallu	tapio	taset	teioq	tauan	taxal	taynw	tedai	teoen
10.....	tacci	tausg	taebi	taiqe	takby	tamav	taqaq	tafsu	teirt	taubn	taxec	tayox	tazea	tedem	tefo
12.....	tacot	tauth	taefj	tagik	taigs	takis	taqev	teisu	taufs	taufs	taufs	taufs	taufs	teoir	teoir

NUMBERS (Brass or Bronze Metal)

Flange Inches	2051	2041	2071	2191	2061	2251	2361	2091	2221	2261	2381N	2381OB	2381 SB	2401	2421
3.....	tehae	tejac	temay	tepav	tesas	teuaq	tewao	teynz	theaw	thias	thyad	thonz	tibab	thafg	texoc
4.....	tehim	tejeg	temdo	tedpy	tescu	teubr	tewes	teypo	thebx	thibt	thybe	thopo	tibde	thagh	texqe
5.....	tehor	tejik	temep	tepez	tesew	teues	tewgw	teyts	thecy	thieu	thycf	thots	tibhi	thahi	texui
6.....	tehux	tejno	temit	tepgo	tesgy	teudt	tewiw	teyvu	thedz	thidy	thydf	thovu	ticaz	thaj	texym
7.....	tehvy	tejtu	temju	tepiq	tesin	teugw	tewky	tezam	theen	thiew	thyhk	thoxys	ticeq	thaj	texza
8.....	teiad	tejxy	tenax	tepmu	tesjo	teuhx	texan	tezed	thefo	thifx	thyil	thuah	ticui	thakl	teybb
10.....	teibe	tekab	tenby	tequu	tetar	teuiy	texbo	tezih	their	thig	thyjm	thubi	tieyl	thalm	teydd
12.....	teigj	tekhi	tenis	teqho	tetev	teukn	texhu	tezoz	themv	thiin	thyqo	thuel	tiddo	thama	thama

Example: 10 Pairs 2001—3 in. "Ten Tabel." 10 Pairs 2002—3 in. "Ten Sintabel." 10 Pairs 2002—3 in. Reverse. "Ten Sintabel Reverse."

## Chicago "Simplex" Spring Butt-Hinges (Pages 14 and 15)

In specifying the quantity do not say pairs; we assume it.

When ordering "Single Acting Hinges" use word from list below for same finish and size, and prefix the letters "Sin" to the code word.

If single acting hinges are required with reverse acting springs, follow the code word with the word "Reverse."

NUMBERS (Steel Metal)

Flange Inches	9001	9011	9111	9281	9271	9131	9291	9311	9171	9391	9211	9021	9181OB	9161	9991
3.....	sapecv	saxox	sarap	sasuj	sawal	sazai	sbab	saac	sbabj	scapu	sdace	sdibe	seaba	sboav	sboav
4.....	saphy	saxy	aret	satbo	sawee	sazem	sbied	scabl	scibd	sceruc	sdafd	sdicf	seaed	sboew	sboew
5.....	sapiz	saxso	sarfu	sater	sawig	saznu	sbief	scacf	scice	sbeme	sdage	sdidg	seagf	sboey	sboey
6.....	sapk	saxuq	sarix	sathu	sawoy	sazov	sbhil	seagd	scigi	scbeos	scuet	sdaki	sdihk	seah	sbofz
7.....	sapum	saxyu	sariy	sativ	sawur	sazry	sbijk	scache	scihj	sbep	sdalj	sdil	seakj	sbofz	sbofz
8.....	sapaq	sayaj	sarmo	satty	saxak	sbaaj	sbilm	scali	scino	scbequ	sdaanx	sdijm	seam	sbogn	sbogn
10.....	sapeu	saybk	sasao	saunz	saxeb	sabk	sbinn	scamj	scirs	scberv	scuwh	sdainp	seany	sboho	sboho

NUMBERS (Brass or Bronze Metal)

Flange Inches	9051	9041	9071	9191	9061	9251	9361	9091	9221	9261	9381N	9381OB	9381 SB	9401	9421
3.....	sehaf	sehaf	sekak	senay	sepue	seuar	sewap	sezon	sfeaj	sfoay	sgeaw	sfony	sgonz	scoez	scaso
4.....	sefib	sehdi	sekeg	sendo	sepyi	seubs	sewet	sezut	sfebl	sfozb	sgebx	sfyes	sgots	scofn	scauq
5.....	sefel	sehej	sekik	senep	seqav	seuct	sefwu	sezyx	sfecl	sfofo	sgecy	sfygu	sgovw	scogo	scavr
6.....	sefou	sehos	sekno	senit	seqgo	seudu	sewix	sfanz	sfehd	sfoop	sgedz	sfyiw	sgoyx	scohp	scaws
7.....	sefsy	sehqu	sekstu	senju	serau	seuev	sewiy	sfapo	sfemi	sfogr	sgreen	sfyky	sguah	scoiq	scaxt
8.....	segag	sehyp	sekxy	seoby	serey	seugx	sewmo	sfats	sfenfv	sfoshs	sgfeo	sgaab	sgubi	scoir	scayu
10.....	segci	seibf	selab	secoz	serho	seuhy	sexa	sfavu	sfeow	sfoit	segr	sgaod	sgucj	scoks	scavz

Example: 10 Pairs 9001—3 in. "Ten Sapev." 10 Pairs 9002—3 in. "Ten Sinsapev." 10 Pairs 9002—3 in. Reverse. "Ten Sinsapev Reverse."

## Chicago Spring and Springless Butt-Hinges (Pages 17, 18 and 19)

In specifying the quantity do not say pairs or sets; we assume it.

When ordering "Springless Butt-Hinges" use word from list below for same finish and size, and prefix the letters "Les" to the code word.

When ordering "Spring and Springless Butt-Hinges" in sets, prefix the letters "Set" to the code word.

NUMBERS (Steel Metal)

For Doors	1½	111½	281½	271½	131½	291½	231½	311½	171½	391½	211½	21½	181½ OB	161½	991½
7½-1	cabax	caebv	cagas	caiaq	cakao	canba	capak	casah	cavae	cearf	cayab	ceacr	cecan	cejah	cegso
1½-1½	cabby	caecw	cageu	caibr	cakes	caned	capeb	casbi	cavim	cearh	cayed	ceads	cebj	ceguq	ceguq
1½-1½	cabeo	caefy	cagew	caics	cakgu	canih	capif	casel	cavor	ceasi	ceayf	ceaf	cecer	cegyu	cegyu
1½-2	cabis	caefz	caggy	caidt	cakiw	canny	capox	casou	cavux	eatij	ceaygh	ceafu	cechu	cehaj	cehaj
2½-2½	cabku	caeho	cagin	caigw	cakk	canoz	cappy	cassy	cavvy	ceauk	ceayk	ceagv	cecv	cejou	cejou
2½-3	cacaw	caeip	cagio	caihx	caler	canus	capuq	catag	cawad	ceavl	caylm	ceahw	ceely	cekag	cehie

NUMBERS (Brass or Bronze Metal)

For Doors	51	41	71	191	61	251	361	91	221	261	381N	381OB	381SB	401	421
7½-1	cepab	cetaw	cevho	ceyar	cfab	cfaj	cfuaw	chabt	chica	chuay	cicar	cjabu	cifao	cidaq	cighu
1½-1½	cepde	cetey	cevip	ceybs	cfacs	cfibk	cfubx	chaeu	chifd	chubz	ciedu	cicav	cifes	cideu	cigiv
1½-1½	cephi	eten	cevta	ceyct	cfad	cfic	cfucy	chady	chige	chudo	cicedu	cicav	cifes	cideu	cigly
1½-2	cepoo	ctefo	cevub	ceydu	cefae	cfihd	cfudz	chaew	chiki	chuep	cicew	cicav	cifes	cicew	cigoc
2½-2½	cegaz	ctefr	cevxe	ceyev	cfagw	cfie	cfuon	chafx	chilj	chugr	ciciz	ciafy	cifky	cide	cigqe
2½-3	cegeq	ctelu	ceyvf	ceygx	cfahx	cfinv	cfufo	chagy	chinx	chuhs	cicko	ciagz	cifuj	cidef	cigui

Example: 10 Pairs 1½—7½ in. "Ten Cabax." 10 Pairs 3½—7½ in. "Ten Lescabax." 10 Sets 1½x3½—7½ in. "Ten Setcabax."

# Private Telegraph Code (Continued)

## Chicago "Relax" and "Non-Release" Spring Pivot-Hinge (Pages 20-21)

In specifying the quantity do not say sets; we assume it.

When ordering "Non-Release Hinges" use word from list below for same size and finish, and prefix the letters "Non" to the code word.

When ordering hinges with "Jamb Attaching Plates" prefix the letters "Jam" to the code word.

### NUMBERS (Steel Metal)

For Doors	6001	6111	6281	6271	6131	6291	6311	6171	6391	6211	6021	6181OB	6161	6991	6981
1 1/8-1 1/2...	fabau	facat	fadas	faear	fafaq	fagap	faian	fajon	faeiz	falal	famak	fanaj	fapah	faipd	faoid
1 1/2-2...	fabey	facbu	fadcu	faebs	fafeu	faget	faibo	fajut	faein	falec	fameb	fani	fapbi	faige	taoje
1 1/4-2 1/2...	fabho	facex	fadew	faect	fafiy	tagiu	faier	faeku	fajyx	falog	famif	fanow	fapel	faif	faokf

### NUMBERS (Brass or Bronze Metal)

For Doors	6051	6041	6071	6191	6061	6251	6361	6091	6221	6261	6381OB	6381N	6381 SB	6401	6421
1 1/8-1 1/2...	faraf	fasee	fataf	fauac	favde	faxay	fayax	fazaw	feabn	febay	fecax	fedaw	fefau	fehua	feidu
1 1/2-2...	fardi	fasim	fatbe	faubd	favij	faxdo	fayby	fazey	feaco	febedo	fecby	fecdy	fehie	fehie	feiev
1 1/4-2 1/2...	farej	fasor	fatfi	faueg	faawaz	faxep	faycz	fazenz	feaeq	febeb	feden	fehfo	fehie	fehie	feigx

Example: 10 Sets 6001-1 1/8 in. "Ten Fabau." 10 Sets NR6001-1 1/8 in. "Ten Nonfabau." 10 Sets J6001-1 1/8 in. "Ten Jamfabau."

10 Sets JNR6001-1 1/8 in. "Ten Jam Nonfabau."

## Chicago "Premier" Spring Pivot-Hinges (Page 23)

In specifying the quantity do not say sets; we assume it.

When ordering hinges with "Jamb Attaching Plates" prefix the letters "Jam" to the code word.

### NUMBERS (Steel Metal)

For Doors	4001	4111	4281	4271	4131	4291	4311	4171	4391	4211	4021	4181OB	4161	4991	4981
1 1/8-1 1/4...	feybd	fezab	fhaer	fheam	fhiai	fhaoe	fhayr	fiabr	feyno	fibap	ficao	fidan	fifam	fhifa	fhomb
1 1/4-2 1/2...	feyce	fezde	fhads	fhbed	fhibj	fhobd	fhudy	fiaces	feyop	fibet	fices	fidbo	fifed	fhieh	fhono

### NUMBERS (Brass or Bronze Metal)

For Doors	4051	4041	4071	4191	4061	4251	4361	4091	4221	4261	4381OB	4381N	4381 SB	4401	4421
1 1/8-1 1/4...	fhahk	fijai	fikah	filag	fimaf	finae	fiold	fipac	fiqab	firaz	jisay	fitis	fiuaw	fiyrik	fizko
1 1/4-2 1/2...	fhieb	fijem	fikbi	filei	filmd	finim	fiobe	fipec	fiqde	firoo	jisdo	fitku	fiubx	fiyisl	fizog

Example: 10 Sets 4001-1 1/8 in. "Ten Feybd." 10 Sets J4001-1 1/8 in. "Ten Jamfeybd."

## Chicago "Ajax" Spring Pivot-Hinges (Page 24)

In specifying the quantity do not say sets; we assume it.

When ordering hinges with "Jamb Attaching Plates" prefix the letters "Jam" to the code word.

### NUMBERS (Steel Metal)

For Doors	3001	3111	3281	3271	3131	3291	3311	3171	3391	3211	3021	3181OB	3161	3991	3981
1 1/8-1 1/4...	flop	florw	flosx	fioty	flov	fluaz	fluco	flueq	fluix	flufr	flugs	fluht	fluju	flumy	fluna

### NUMBERS (Brass or Bronze Metal)

For Doors	3051	3041	3071	3191	3061	3251	3361	3091	3221	3261	3381OB	3381N	3381 SB	3401	3421
1 1/8-1 1/4...	fobaj	fobie	fobow	fobqy	fobup	focai	foem	foenu	fofov	foery	fodah	fodbi	fodel	fodvo	fodyr

Example: 10 Sets 3001-1 1/8 in. "Ten Flop." 10 Sets J3001-1 1/8 in. "Ten Jamflop."

## Chicago "Eight Thousand" Spring Pivot-Hinges (Page 25)

In specifying the quantity do not say sets; we assume it.

When ordering these hinges, use code word from "Ajax" code for same finish and prefix letters "Mis." Example: 10 Sets 8001-1 1/8 in. "Ten Misflop."

## Chicago "Durex" Spring Pivot-Hinges (Page 26)

In specifying the quantity do not say sets; we assume it.

When ordering these hinges, use code word from "Ajax" code for same finish and prefix letters "Dur." Finishes are limited to those shown on Page 26. Example: 10 Sets 17001-1 1/8 in. "Ten Durflop."

## Chicago Spring Pivot-Hinges (Page 27)

In specifying the quantity do not say sets; we assume it.

### NUMBERS (Steel Metal)

For Doors	5001	5111	5281	5271	5131	5291	5311	5171	5391	5211	5021	5181OB	5161	5991	5981
7/8-1 1/2...	fopau	fogat	foras	fosar	fotaq	fouap	fowan	foxon	fuope	fozal	franz	freaj	froay	fuper	furba
1 1/8-2...	fopey	foqbu	forcu	fodsu	foteu	fouer	fowbo	foxut	fuorg	fozec	frapo	frebk	frobz	fuphu	fured
2-2 1/2...	fopho	foqex	forew	fosev	totif	fouds	fower	foxyx	fuosh	fozog	frats	freel	frodo	fupiv	furfe
2 1/2-3 1/2...	fopip	foqfy	forgy	foshv	foto	fouet	fowhu	foyam	fuoti	fravu	frehd	freop	froep	fuply	furih

### NUMBERS (Brass or Bronze Metal)

For Doors	5051	5041	5071	5191	5061	5251	5361	5091	5221	5261	5381OB	5381N	5381SB	5401	5421
7/8-1 1/2...	fryao	fuabe	fubac	fudaz	fueay	fufax	fugaw	fuhib	fujat	fukas	fulev	fumaq	fusig	futif	
1 1/8-2...	frydr	fuacf	fubeg	fudeo	fuebz	fufby	fugey	fuhibd	fujbu	fukeu	fulhy	fumeu	fuski	futli	
2-2 1/2...	fryes	fuadg	fubik	fudeq	fuedo	fufeo	fugen	fuhez	fuiely	fukew	fuliz	fumiy	fusoy	futox	
2 1/2-3 1/2...	fryft	fuahk	fubno	fueep	fufis	fugfo	fuhgo	fuifz	fujfy	fukgy	funko	fumlo	fusro	futpy	

Example: 10 Sets 5001-7/8 in. "Ten Fopau."

# Private Telegraph Code (Continued)

## Chicago Lavatory Spring Hinges (Pages 28, 29, 30, 31, 33 and 34)

In specifying the quantity do not say pairs or sets; we assume it.

When ordering hinges with "Reverse Acting Springs" to hold door open, prefix the letters "Rev" to the code word.

When ordering Chromium plated finish affix the letters "Chr."

When ordering White Bronze Metal affix the letters "Wbz."

\*If door is different thickness than partition, when ordering items marked (\*), specify door thickness.

†If hinges have pipe attachments, always specify outside diameter of pipe.

### NUMBERS

Partition Thickness	2242	2142	*	2242A	2241	*	2242	2242A	2244	2242	2242½	2242	2242½	2842	2742	2642	2542
7/8 in.	laboa	ladon	lafal	lajah	lalaf	lajah	lanad	lapab	metiv	meivs	melnu	meopt	layar	lazaq	lebas	ledaq	
1 in.	labes	ladut	lafec	lajbi	laldi	lajbi	lanbe	medfy	meiwt	melov	meoqu	laysb	lazeu	lebecu	ledeu		
1 1/2 in.	labgu	ladyx	lafig	lajel	lalej	lajel	lanfi	laphi	meffoc	meixu	melry	layet	laziy	lebew	lediy		
1 1/4 in.	labiw	laeam	lafoy	lajou	lalos	lajou	lanqo	laqaz	meffqe	meiyv	meluo	meosw	laydu	lazlo	lebgy	ledlo	
1 1/8 in.	labky	laeae	lafur	lajsy	lalqu	lajsy	laqeo	meffui	meizw	melys	meouy	layev	leabu	lebin	leer		
1 1/2 in.	laeae	laefg	lagak	lakag	lalyp	lakag	lanwy	laqeq	meffym	mejak	memah	meovz	laygx	leacv	lebij	leeds	
1 1/8 in.	laeae	laefg	lagak	lakag	lalyp	lakag	lanwy	laqeq	meffym	mejak	memah	meovz	layhy	leadw	lecar	leefu	
1 1/4 in.	laeae	laefg	lagak	lakag	lalyp	lakag	lanwy	laqeq	meffym	mejak	memah	meovz	layiz	leaex	leedu	leegv	
1 1/8 in.	laeae	laefg	lagak	lakag	lalyp	lakag	lanwy	laqeq	meffym	mejak	memah	meovz	layj	leafy	leech	leehw	
2 in.	laciv	laeoz	lagpy	lakpu	lamux	lagpy	laohj	laohj	meffym	mejeb	memel	meoxo	layko	leev	leech	leex	

### NUMBERS

Partition Thickness	2842	2742	2642	2542	F2222	F2224	2442	2443	2442	2442	2446		†For Pipe Standards	†P7227S	lirun	
7/8 in.	lefao	lehon	lejge	lemai	leoag	lepi	lesac	levay	lexaw	leazu	leazu	†I2342DD	†I2342DD-12344DD	ligog	†P7227M	lirvo
1 in.	lefes	lehet	lejki	lemem	leobh	lepm	leseg	levdo	lexcy	lezez	lezez	†O2342DD	†O2342DD-02344DD	ligum	†P6227S	lirbi
1 1/2 in.	lefgu	lehyx	lejoy	lemuu	leoci	lepos	lesip	levep	lexen	lezho	lezho	P2221	P2222	ligva	†P4227S	lisag
1 1/4 in.	lefiw	leiam	lejur	lemov	leodj	lepu	lesno	levit	lexfo	lezix	lezxe	P2222	P2222-P2224	ligyd	†P4227M	lisuz
1 1/8 in.	lefky	leied	lelek	lemyr	leook	lepy	lestu	levju	lexir	lezxe	lezxe	P2222	P2222-P2224	libaq	F7227S	lumud
1 1/2 in.	legan	leigf	lekeb	lenah	leofl	leqae	lesxy	lewax	lexlu	liaax	liaax	P2222	P2222-P2224	libeu	F7227M	liuor
1 1/8 in.	legbo	leikf	lenbi	leons	leqim	letab	lewyb	lewyb	leyav	liaby	liaby	P2222	P2222-P2224	libiy	F6227S	lirel
1 1/4 in.	legbu	leikj	lenel	leot	leqor	letde	leweo	leybw	leyew	liaez	liaez	P2222	P2222-P2224	libeu	F6227M	lisci
1 1/8 in.	legiv	leiny	leky	lenou	leopu	leqru	letto	lewyk	leydy	liafp	liahr	P2222	P2222-P2224	libeu	F4227S	liuru
2 in.	legly	leioz	lekuo	lensy	leorw	leqvy	letto	lewyk	leydy	liafp	liahr	P2222	P2222-P2224	libeu	F4227M	liusv

### NUMBERS

Partition Thickness	C-7227S	C-7227M	C-6227S	C-6227M	C-4227S	C-4227M	CI-7227S	CI-7227M	CI-6227S	CI-6227M	CI-4227S	CI-4227M	CI-4227M	CI-4227D	C6221	†P6221
7/8 in.	litaf	lupau	linal	lipaj	luras	lutaq	luvao	luxon	livad	lixab	luzal	lybaz	lijao	lijao	lijao	lijao
1 in.	litdi	lupey	linee	lipie	lureu	luteu	luves	luxpo	livbe	lxhde	luzea	lybco	lijes	lijes	lijes	lijes
1 1/2 in.	litej	lupho	linig	lipow	lurew	lutiy	luvgu	luxut	livfi	lxhix	luzeec	lybeq	lijgu	lijgu	lijgu	lijgu
1 1/4 in.	litos	lupip	linoy	lipqy	lurgy	lutlo	luvlu	luxvu	livq	liyaz	luzege	lybiu	lijiw	lijiw	lijiw	lijiw
1 1/8 in.	litqu	lupoj	linur	lipup	lurin	lutne	luvky	luxyx	livwy	lybhn	luzig	lybna	lijky	lijky	lijky	lijky
1 1/2 in.	lityp	lupta	liuak	liqai	lurjo	lutof	luvud	luxzy	livwy	lyico	luzki	lybob	likan	likan	likan	likan
1 1/8 in.	litub	lupub	liobl	liqem	lurpi	luti	luvpe	luvam	liwac	lyeq	luzoy	lybre	likbo	likbo	likbo	likbo
1 1/4 in.	liudh	lupux	liofc	liqnu	lurua	lulul	luvti	luvba	liwef	lyfr	luzro	lybuh	liker	liker	liker	liker
1 1/8 in.	liuik	lupyf	liogd	liqov	lurye	lutwa	luvya	luved	liwik	lygs	luzur	lybvi	likhu	likhu	likhu	likhu
2 in.	liuim	luqat	liuhe	liqry	lusar	lutyc	luwan	luufe	liwno	lyiht	luzzu	lybyl	limam	limam	limam	limam

## Chicago Lavatory Gravity Pivot-Hinges (Page 35)

## Lavatory Door Stops and Keepers (Pages 29 and 37)

If door is different thickness than partition, specify door thickness.

Partition Thickness	C-47227S	C-47227M	†P4227S	†P4227M	11247A	11247B	11247C	11247D	11247F	11247½A	11247½B	11247½C	11247½D	11247½F
7/8 in.	lyfav	lygho	lyieu	maber	macut	maefd	magaj	mahu	mambe	manop	marax	masfo	mauta	
1 in.	lyfdy	lygip	F47227S	mabhu	macvu	maege	meaga	mahov	mameh	mantu	marby	masir	maub	
1 1/2 in.	lyfez	lygoi	lyifx	mabiv	macyx	maehf	magie	mahry	manfi	manuv	mareo	maslu	mauve	
1 1/4 in.	lyfg	lygt	lygt	mably	maczy	maeig	magmgi	manuo	mamil	manxy	maris	masol	mauw	
1 1/8 in.	lyfq	lygub	lygub	maboc	madam	maeki	magow	mahys	mamka	manyz	marku	masqa	mauxe	
1 1/2 in.	lyfmu	lygxe	lygxe	mabqe	madba	maelj	magqy	maiah	mamoq	maaab	marom	masue	mauf	
1 1/4 in.	lyfok	lygyt	lygyt	mabui	maded	maemk	magto	maibai	mamsu	maobe	marpa	masyi	mauzg	
1 1/8 in.	lyfr	lyhbu	lyhbu	mabym	madfe	maenx	magup	maicj	mamuw	maoed	marde	matav	matav	
2 in.	lyfud	lyhex	lyhex	mabza	madih	maeoy	magyt	maiel	mamwy	maode	maruf	matdy	matdy	
	lyfve	lyhfy		maeaa	madji	maepz	magzu	maifm	maeyn	maoe	marxi	matez	matdy	

## Lavatory Door Stops and Keepers (Pages 37 and 38)

If door is different thickness than partition, specify door thickness.

When ordering door stops of the Type 1447 Series, use code word for corresponding style and size of Type 1247 Series and prefix letters "Piv."

### NUMBERS

Partition Thickness	1247	1247A	1247B	1247C	1247D	1247E	1247F	1247G	1247H	1347A	1347C	1347D	1347E	1347F
7/8 in.	lizay	lobad	lodab	lofay	lohaw	lojau	lomar	lopao	loron	lovaj	loxah	lozaf	lubaj	ludah
1 in.	lizdo	lobbe	lodde	lofdo	lohey	lojey	lodmu	lopes	lorut	lovie	loxbi	lozdi	lubbi	lubdi
1 1/2 in.	lizep	lobfi	lodhi	lofep	lohen	lojho	lomev	lopgru	loryx	lovow	loxel	lozej	lubow	ludel
1 1/4 in.	lizit	lobod	loez	lofif	loho	lojif	lomhy	lopwi	losam	lovqy	loxou	lozos	lubqy	ludou
1 1/8 in.	lizju	lobsu	lobsu	lofju	lohir	lokat	lomiz	lopky	losed	lovup	loxsy	lozqu	lubup	ludsy
1 1/2 in.	loabf	lobwy	loeco	lofyk	lohu	lokbu	lokmko	loqan	losih	lowai	loyav	loyzp	lucaj	lueag
1 1/8 in.	loadh	locac	loeq	logax	loiaj	loka	loqbo	losny	lowem	lowem	loybh	luabl	lucem	luebh
1 1/4 in.	loagk	loceg	loefr	logby	loibw	lokfy	loeneu	loqer	losoz	lownu	loyci	luada	luenu	lueei
1 1/8 in.	loaim	locik	loegs	logeo	loicx	lokio	loniy	loqhu	losus	lowov	loydj	luafe	luov	luedj
2 in.	loaja	locop	loeh	logis	loid	lolas	lonlo	loqiv	total	lowry	loyek	luajg	luery	lueff

## Lavatory Door Bolts and Latches (Page 36)

Specify thickness of door and partition.

1250	lufaf	1254	luhad	1252	lujab	1238K	lukeo	1248K	lumax
1250K	lufdi	1254K	lubbe	1252K	lujde	1238-1247F	lukeq	1248-1247A	lumby
1250-1258	lufej	1254K-1258	lubfi	1252-1247C	lujhi	1238-1247G	lukeu	1248-1247B	lumeo
1250-1247F	lufos	1254-1247D	luboq	1236	luila	1240	lulay	1244	lumis
1250-1247G	lufgu	1254-1247D-1258	lusu	1236K	luimb	1240K	luldo	1244K	lumku
1250-1247F-1258	lufyp	1242	luhwy	1236-1247F	luino	1240-1247F	lulep	1244-1247F	lunaw
1250-1247G-1258	luga	1242K	luiae	1236-1247G	luip	1240-1247G	lulit	1244-1247G	luney
1260	lugru	1242-1247C	luibd	1238	lukaz	1248	lulju	1244-1247G	luney

# Private Telegraph Code (Continued)

Lavatory Door Stops and Keepers (For Partitions without Hanging Stile) Page 38		Lavatory Door Stops and Keepers (For Pipe Standards) Page 38		Miscellaneous Lavatory Door Stops Page 38		Door Pull and Hook Page 39	
1253.	luofn	1241.	lihof	1243.	luoav	1231.	lunen
D1253.	luogo	1241C.	lihul	1245.	lunlu	1233.	lunfo
1251.	luohp	1241F.	lihri	1345C.	luoex	1234.	lunir
D1251.	luoijr			1345F.	luobw		
Give thickness of partition and door, also size of bolt bar if to be cut.		Give outside diameter of pipe, thickness of door and size of bolt bar if to be cut.		Give thickness of door and size of bolt bar if to be cut.			

## Fastenings (Bolts, Nuts and Washers) Page 39

Specify size and always give length of bolt required

60.	lydax	80.	lydis	160.	lyeaw	15.	lyedz	90.	lyeen
O60.	lydyb	100.	lydku	O160.	lyebx	140.	lydxi		
80.	lydeo	OS110.	lydte	5.	lyecy	114.	lydyj		

## Chicago Cabinet and Refrigerator Spring Hinges Page 41

In specifying the quantity do not say pairs or sets; we assume it.

6005.	abcon	5005.	abgea	14005.	akeat	4007.	hajal	6007.	habas
6115.	abcut	5115.	abgow	14115.	akebu	4117.	hajec	7117.	habcu
6285.	abeyx	5285.	abgup	14285.	akecv	4287.	hajig	6287.	habew
6275.	abdam	5275.	abgyt	14275.	akedw	4277.	hajoy	7277.	habgy
6135.	abded	5135.	abhai	14135.	akegz	4137.	hajur	6137.	habin
6315.	abdih	5315.	abhem	14315.	akehn	4317.	hakak	6317.	habjo
6175.	abdny	5175.	abhnw	14175.	akeio	4177.	hakeb	6177.	habo
6395.	abeki	5395.	abijd	14395.	akewe	4397.	halie	6397.	habar
6215.	abdoz	5215.	abhov	14215.	akejp	4217.	hakif	6217.	habva
6025.	abdus	5025.	abhr	14025.	akems	4027.	hakox	6027.	haba
6185OB.	abeal	5185OB.	abibi	14185OB.	akemi	4187OB.	hakpy	7187OB.	hagiv
6165.	abeec	5165.	abiel	14165.	akepk	4167.	hakso	7167.	hahon

## Numbers (Brass or Bronze Metal)

6045.	abefd	5045.	abifm	14045.	akerm	4047.	hakuq	6047.	hacco
6065.	abege	5065.	abiga	14065.	akesa	4067.	hakyu	6067.	hacog
6225.	abefh	5225.	abihb	14225.	akeue	4227.	halaj	6227.	haeql
6405.	abeig	5405.	abiie	14405.	akevd	4407.	halea	6407.	hacum

## Chicago Screen Door Hinges Page 44

In specifying the quantity do not say pairs; we assume it.

2005.	abkaf	3005.	aboab	4005.	abwas	8005.	acfal	28005.	achaj
2115.	abkdi	3115.	abood	4115.	abwcu	8015.	acfoy	28015.	achqy
2285.	abkej	3285.	aboeo	4285.	abwew	8285.	acfki	28285.	achow
2275.	abkos	3275.	abogh	4275.	abwgy	8175.	acfca	28175.	achea
2135.	abkqu	3135.	aboij	4135.	abwin	8395.	acfro	28395.	achto
2315.	ablae	3315.	abokl	4315.	abwjo	8215.	acfif	28215.	achmi
2175.	ablim	3175.	abpaz	4175.	abxar	8185OB.	acfge	28185OB.	achie
2395.	abbla	3395.	abohi	4395.	abwy	18005.	acgak	38005.	acibj
2215.	ablor	3215.	abpeq	4215.	abxdw	18015.	acgak	38015.	acigli
2025.	ablux	3025.	abpiu	4025.	abxev	18285.	acifg	38285.	acihe
2185OB.	ablv	3185OB.	abpob	4185OB.	abxhy	18175.	acgda	38175.	aciok
2165.	abmbe	3165.	abpyl	4165.	abxko	18395.	acgox	38395.	aciem

## Numbers (Brass or Bronze Metal)

2055.	abmeh	3055.	abqay	4055.	abxog				
2045.	abmil	3045.	abqep	4045.	abxqi				
2075.	abmyn	3075.	abqit	4075.	abxum				
2225.	abnac	3225.	abqoa	4225.	abxva				

## Sagless Gate Spring Pivot-Hinges Page 40

## Detachable Type Screen Door Hinges Page 45

## Screen Door Hinges Page 46

2005.	abkaf	3005.	aboab	4005.	abwas	8005.	acfal	28005.	achaj
2115.	abkdi	3115.	abood	4115.	abwcu	8015.	acfoy	28015.	achqy
2285.	abkej	3285.	aboeo	4285.	abwew	8285.	acfki	28285.	achow
2275.	abkos	3275.	abogh	4275.	abwgy	8175.	acfca	28175.	achea
2135.	abkqu	3135.	aboij	4135.	abwin	8395.	acfro	28395.	achto
2315.	ablae	3315.	abokl	4315.	abwjo	8215.	acfif	28215.	achmi
2175.	ablim	3175.	abpaz	4175.	abxar	8185OB.	acfge	28185OB.	achie
2395.	abbla	3395.	abohi	4395.	abwy	18005.	acgak	38005.	acibj
2215.	ablor	3215.	abpeq	4215.	abxdw	18015.	acgak	38015.	acigli
2025.	ablux	3025.	abpiu	4025.	abxev	18285.	acifg	38285.	acihe
2185OB.	ablv	3185OB.	abpob	4185OB.	abxhy	18175.	acgda	38175.	aciok
2165.	abmbe	3165.	abpyl	4165.	abxko	18395.	acgox	38395.	aciem

## Door Closers Page 43

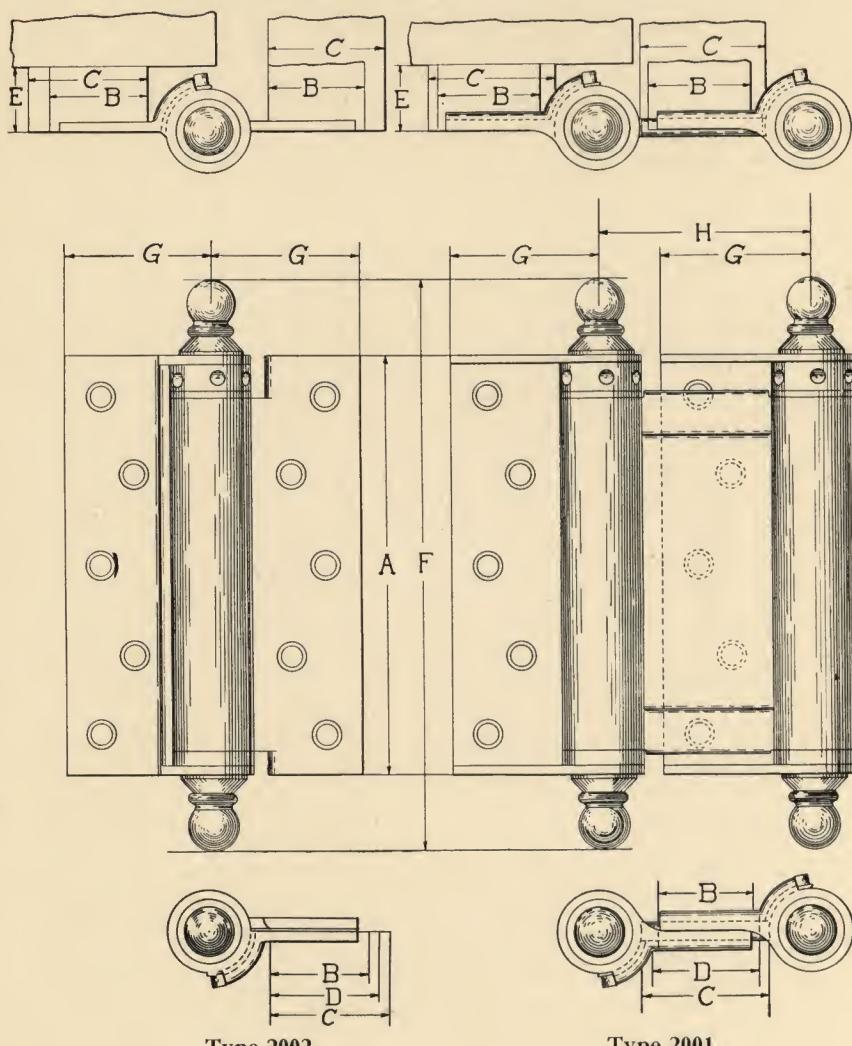
25BL	adabr
25SBL	adacs
25DNL	adadt

280.	One Dozen	dabaw	291.	One Dozen	dadho	252.	One Dozen	dajky	220.
280½.	"	dabey	291½.	"	dadip	253.	"	dakan	220½.
281.	"	daben	292.	"	daeat	240.	"	dalon	221.
281½.	"	dabfo	293.	"	daebu	240½.	"	dalut	221½.
282.	"	dabir	260.	"	dahaq	241.	"	dalyx	222.
283.	"	dabir	260½.	"	daheu	241½.	"	damam	223.
230.	"	dabir	261.	"	dahiy	242.	"	damed	"
230½.	"	daeav	261½.	"	dahlo	243.	"	damih	"
231.	"	dacez	262.	"	daiap	210.	"	daranal	"
231½.	"	daebo	263.	"	dair	210½.	"	danec	"
232.	"	daciq	250.	"	dajao	211.	"	danig	"
233.	"	dacmu	250½.	"	dajes	211½.	"	danoy	270L.
290.	"	dadau	251.	"	dajgu	212.	"	danur	270M.
290½.	"	dadey	251½.	"	dajiw	213.	"	daaoak	270H.

## Reliance Door Springs Page 47

# Chicago "Triplex" Spring Butt-Hinges

Detail Drawing with Approximate Measurements



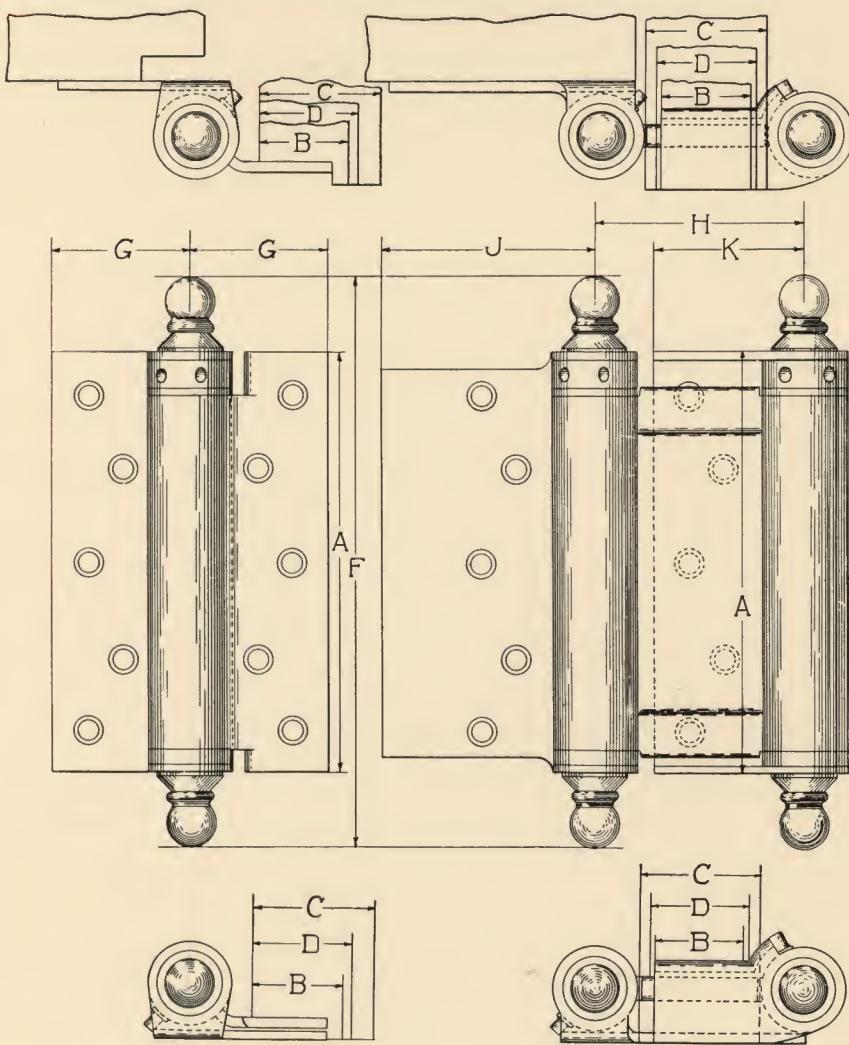
APPROXIMATE DIMENSIONS IN INCHES  
Template Blue Print or Template Hinge will be sent on request.

A	B	C	D	E	F	G	H
Length of Flange (Size of Hinge)	Minimum Thickness of Door or Hanging Strip	Maximum Thickness of Door or Hanging Strip with Chamfering	Maximum Thickness of Door or Hanging Strip Without Chamfering. For Metal Doors	Depth of Hanging Strip	Length Over All	Axial Center to Edge of Flange	Distance Between Axial Centers
3	$\frac{3}{4}$	1	$1\frac{3}{16}$	$\frac{5}{8}$	$4\frac{1}{2}$	$1\frac{5}{16}$	$1\frac{7}{8}$
4	$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{11}{16}$	$\frac{5}{8}$	$5\frac{1}{2}$	$1\frac{13}{32}$	$2\frac{1}{8}$
5	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{7}{32}$	$\frac{3}{4}$	$6\frac{3}{4}$	$1\frac{3}{4}$	$2\frac{15}{32}$
6	$1\frac{5}{16}$	$1\frac{3}{4}$	$1\frac{9}{16}$	$\frac{7}{8}$	$8\frac{1}{8}$	$1\frac{29}{32}$	$2\frac{27}{32}$
7	$1\frac{3}{8}$	2	$1\frac{1}{2}$	1	$9\frac{1}{4}$	$2\frac{3}{16}$	3
8	$1\frac{11}{16}$	$2\frac{1}{4}$	$1\frac{3}{4}$	1	$10\frac{5}{8}$	$2\frac{9}{16}$	$3\frac{15}{32}$
10	$1\frac{13}{16}$	$2\frac{1}{2}$	2	$1\frac{1}{8}$	$13\frac{1}{8}$	$2\frac{27}{32}$	$3\frac{15}{16}$
12	$2\frac{1}{4}$	3	$2\frac{5}{8}$	$1\frac{1}{4}$	$15\frac{1}{4}$	$3\frac{3}{8}$	$4\frac{13}{16}$

(See Pages 8, 9, 10 and 11)

# Chicago "Simplex" Spring Butt-Hinges

Detail Drawing with Approximate Measurements



Type 9002

Type 9001

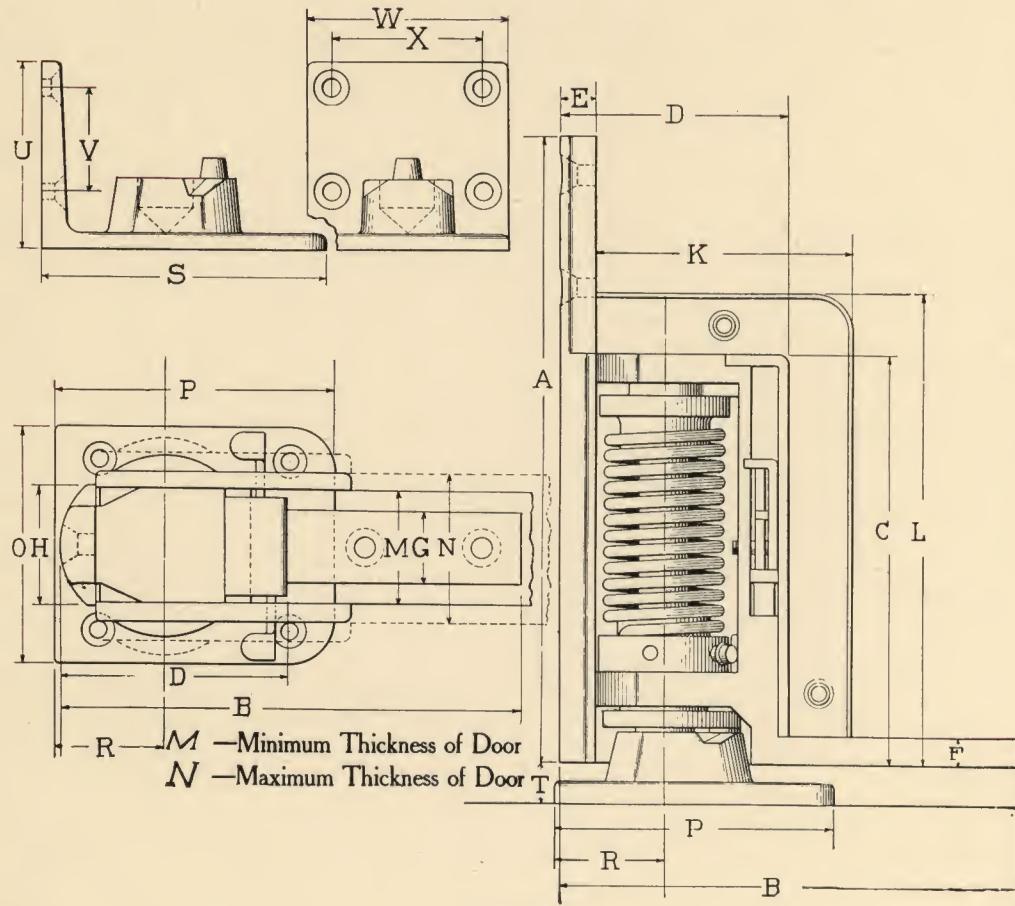
APPROXIMATE DIMENSIONS IN INCHES  
Template Blue Print or Template Hinge Will Be Sent on Request.

A	B	C	D	F	G	H	J	K
Length of Flange (Size of Hinge)	Minimum Thickness of Door	Maximum Thickness of Door With Chamfering	Maximum Thickness of Door Without Chamfering. For Metal Doors	Length Over All	Axial Center to Edge of Flange	Distance Between Axial Centers	Axial Center to Edge of Jamb Flange	Axial Center to Edge of Door Flange
3	$\frac{3}{4}$	1	$\frac{7}{8}$	$4\frac{9}{16}$	$1\frac{13}{64}$	$1\frac{7}{8}$	$1\frac{29}{32}$	$1\frac{5}{16}$
4	$\frac{7}{8}$	$1\frac{1}{4}$	1	$5\frac{5}{8}$	$1\frac{5}{16}$	$2\frac{1}{8}$	$2\frac{9}{32}$	$1\frac{13}{32}$
5	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$6\frac{3}{4}$	$1\frac{5}{8}$	$2\frac{15}{32}$	$2\frac{7}{32}$	$1\frac{3}{4}$
6	$1\frac{1}{4}$	$1\frac{3}{4}$	$1\frac{3}{8}$	$8\frac{1}{4}$	$1\frac{23}{32}$	$2\frac{27}{32}$	$2\frac{15}{32}$	$1\frac{29}{32}$
7	$1\frac{3}{8}$	$1\frac{7}{8}$	$1\frac{1}{2}$	$9\frac{9}{32}$	2	3	$3\frac{1}{8}$	$2\frac{3}{16}$
8	$1\frac{3}{4}$	2	$1\frac{3}{4}$	$10\frac{11}{16}$	$2\frac{25}{64}$	$3\frac{15}{32}$	$3\frac{5}{8}$	$2\frac{9}{16}$
10	$1\frac{3}{4}$	$2\frac{1}{2}$	2	$13\frac{1}{8}$	$2\frac{17}{32}$	$3\frac{15}{16}$	$4\frac{1}{16}$	$2\frac{13}{16}$

(See Pages 12, 13, 14 and 15)

# Chicago "Relax" Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 6001

## APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge Will Be Sent on Request

For Doors	A	B	C	D	E	F	G	H	K	L	M	N	O	P	R	S	T	U	V	W	X
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$	8 $\frac{1}{16}$	5 $\frac{7}{8}$	5 $\frac{9}{16}$	2 $\frac{3}{4}$	1 $\frac{5}{32}$	$\frac{3}{8}$	$\frac{3}{4}$	1 $\frac{1}{16}$	3 $\frac{1}{16}$	6 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{2}$	2 $\frac{13}{16}$	3 $\frac{1}{2}$	1 $\frac{5}{16}$	3 $\frac{13}{16}$	$\frac{7}{16}$	2 $\frac{1}{2}$	1 $\frac{9}{16}$	2 $\frac{13}{16}$	2 $\frac{1}{16}$
1 $\frac{1}{2}$ to 2	8 $\frac{3}{8}$	6 $\frac{1}{8}$	5 $\frac{1}{2}$	3 $\frac{1}{16}$	1 $\frac{5}{32}$	$\frac{3}{8}$	1	1 $\frac{9}{16}$	3 $\frac{7}{16}$	6 $\frac{5}{16}$	1 $\frac{1}{2}$	2	3 $\frac{3}{16}$	3 $\frac{3}{4}$	1 $\frac{1}{2}$	4 $\frac{3}{32}$	$\frac{9}{16}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	3 $\frac{3}{16}$	2 $\frac{3}{8}$
1 $\frac{3}{4}$ to 2 $\frac{3}{4}$	10	7 $\frac{11}{16}$	7 $\frac{1}{16}$	4	$\frac{5}{8}$	$\frac{3}{8}$	1 $\frac{3}{8}$	2 $\frac{1}{8}$	4 $\frac{1}{8}$	7 $\frac{7}{8}$	1 $\frac{3}{4}$	2 $\frac{3}{4}$	3 $\frac{13}{16}$	4 $\frac{1}{2}$	2 $\frac{3}{16}$	4 $\frac{15}{16}$	$\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{13}{16}$	2 $\frac{3}{16}$	2 $\frac{3}{4}$

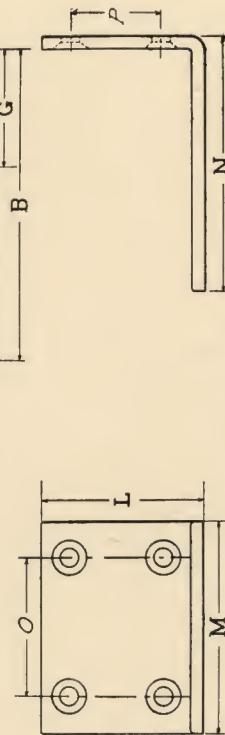
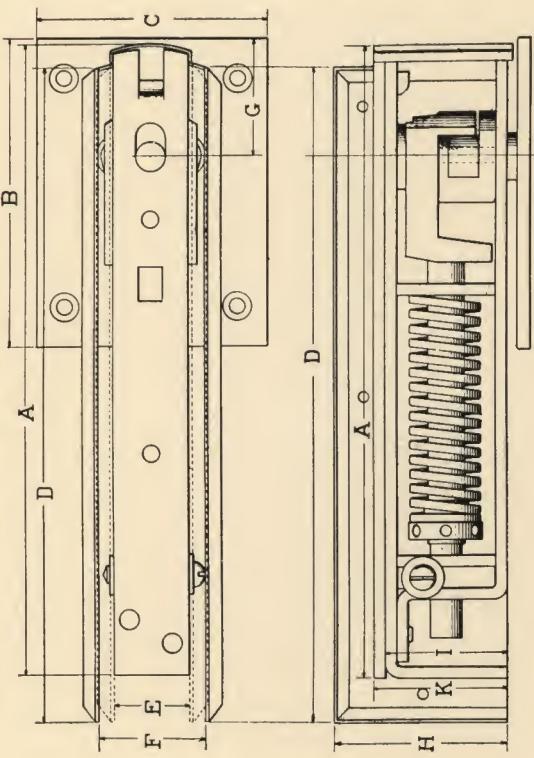
No hanging strip is required. Jamb edge of door is slightly rounded.

This hinge is furnished, when so specified, with a special "Jamb Attaching Plate," for concrete floors, as shown by detail dimensions, "S," "U," "V," "W" and "X." It is applied to the door casing.

(See Pages 20 and 21)

## Chicago "Premier" Spring Pivot-Hinges

### Detail Drawing with Approximate Measurements



Type 4001

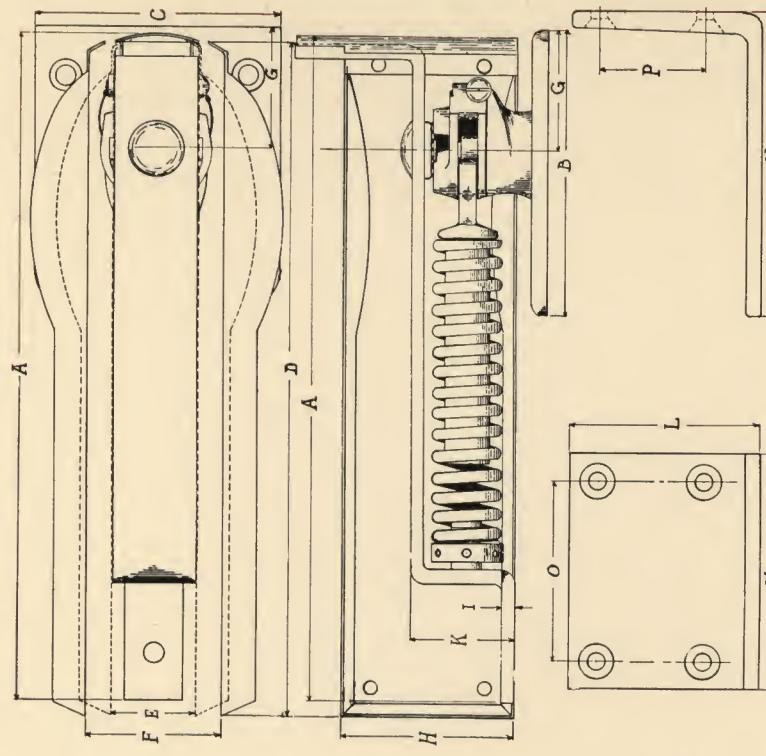
APPROXIMATE DIMENSIONS IN INCHES  
Template Blue Print or Template Hinge will be sent on request.

For Doors	A	B	C	D	E	F	G	H	I	K	L	M	N	O	P
1 1/8 to 1 3/4	9 1/8	4	3	9 9/16	11 1/8	1 3/4	1 5/8	2 1/2	1 1/2	1 5/8	2 3/8	3	3 11/16	2	1 5/16
1 3/4 to 2 3/4	10 1/8	4 1/2	3 3/16	10 1/4	1 3/4	2 3/4	2 1/8	2 5/8	2	2 3/16	3 1/4	4 3/4	2 3/4	1 3/4	

No hanging strip is required. Jamb edge of door is slightly rounded. This hinge is furnished, when so specified, with a special "Jamb Attaching Plate" for concrete floors, as shown by detail dimensions "L", "M", "N", "O" and "P". It is applied to the door easing. These plates are a part of the hinge and cannot be supplied individually for the regular hinges. (See Pages 22 and 23)

## Chicago "Ajax" Spring Pivot-Hinges

### Detail Drawing with Approximate Measurements



Type 3001

APPROXIMATE DIMENSIONS IN INCHES  
Template Blue Print or Template Hinge will be sent on request.

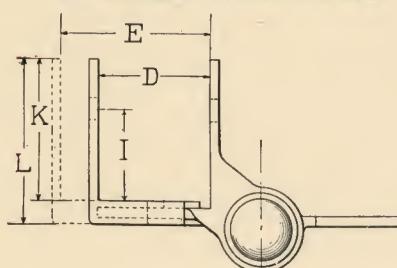
For Doors	A	B	C	D	E	F	G	H	I	K	L	M	N	O	P
1 1/8 to 1 3/4	8 13/16	3 3/4	3 5/16	9	1 1/8	1 3/4	1 5/8	2 1/8	2 1/4	3/16	1 3/8	2 1/2	3 1/8	4	2 3/8

No hanging strip is required. Jamb edge of door is slightly rounded. This hinge is furnished, when so specified, with special "Jamb Attaching Plate" for concrete floor, as shown by detail dimensions "L", "M", "N", "O" and "P". It is applied to the door easing. These plates are part of the hinge and cannot be supplied individually for the regular hinges. (See Page 24)

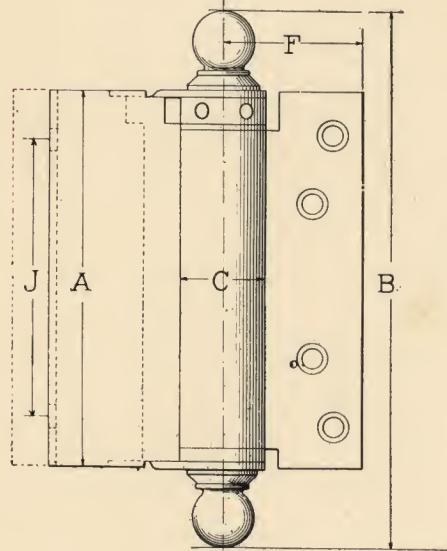
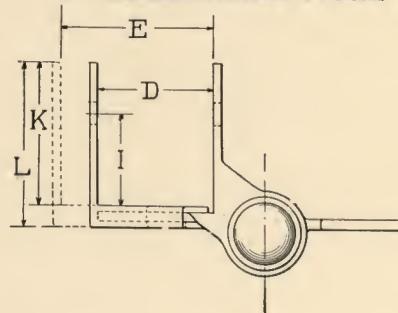
# Chicago "Triplex" Lavatory Spring Hinges

## Detail Drawing with Approximate Measurements

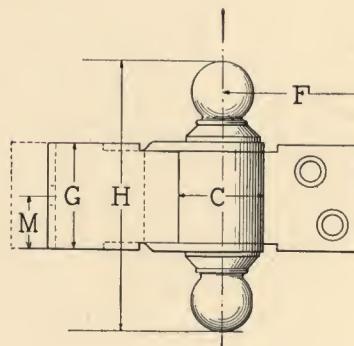
D—Minimum Thickness of Marble



E—Maximum Thickness of Marble



Type 2242



Type 2244

### APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge Will Be Sent on Request

*Partition Thickness	A	B	C	D	E	F	G	H	I	J	K	L	M
1 inch	4	5 $\frac{5}{8}$	$\frac{7}{8}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$2\frac{7}{8}$	$1\frac{5}{16}$	$2\frac{7}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$\frac{9}{16}$
1 $\frac{1}{4}$ inches	4	5 $\frac{5}{8}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$2\frac{7}{8}$	$1\frac{5}{16}$	$2\frac{7}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$\frac{9}{16}$
1 $\frac{1}{2}$ inches	4	5 $\frac{5}{8}$	$\frac{7}{8}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$2\frac{7}{8}$	$1\frac{5}{16}$	$2\frac{7}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$\frac{9}{16}$
1 $\frac{3}{4}$ inches	4	5 $\frac{5}{8}$	$\frac{7}{8}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$2\frac{7}{8}$	$1\frac{5}{16}$	$2\frac{7}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$\frac{9}{16}$
2 inches	4	5 $\frac{5}{8}$	$\frac{7}{8}$	$1\frac{7}{8}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$2\frac{7}{8}$	$1\frac{5}{16}$	$2\frac{7}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$\frac{9}{16}$

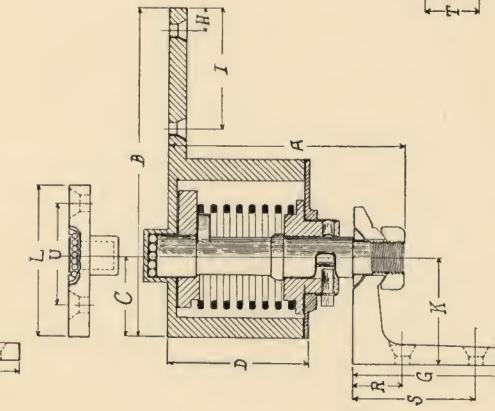
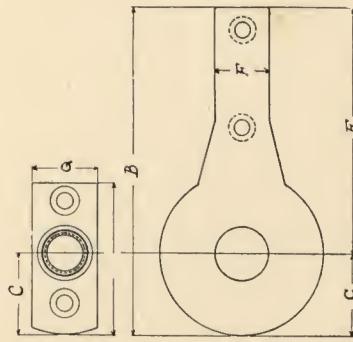
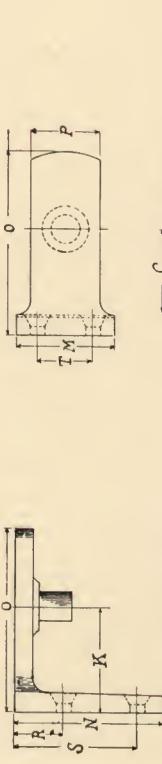
\*Clamp flange of hinges is adjustable  $\frac{1}{8}$  inch over and under this partition thickness.

When so specified, hinges will be furnished with reverse action springs to hold the door open.

(See Page 28)

## Chicago "Sagless" Gate Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 4007

### APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge will be sent on request.

	A	B	C	D	E	F	G	H	I	J	K
For Doors 1 1/8 to 2 1/2	3 9/16	5	1 1/4	2 1/8	3 3/4	7/8	2 1/4	7/16	1 1/2	1 5/8	
	L	M	N	O	P	Q	R	S	T	U	
	2 9/16	1 1/2	2 1/2	2 1/4	2 13/16	1 1/8	1	3/4	1 1/8	13/16	1 1/2

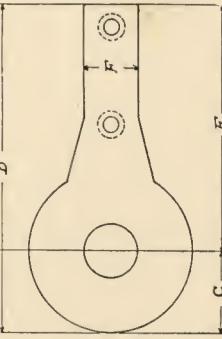
Jamb edge of gate is slightly rounded.

No hanging strip is required. If hanging strip is used, it must be at least as wide as dimension "J," and extend below gate at least 7 inches. If gate extends to floor level, use Type 4007M-RB hinge (similar to Type 6007M-RB illustrated on Page 40). Detail Drawing Type 4007M-RB will be sent on request.

(See Page 40)

## Chicago "Sagless" Gate Spring Pivot-Hinges

Detail Drawing with Approximate Measurements



Type 6007

### APPROXIMATE DIMENSIONS IN INCHES

Template Blue Print or Template Hinge will be sent on request.

	A	B	C	D	E	F	G	H	I	J	K
For Doors 7/8 to 2 1/2	3 1/2	5	1 1/4	2 1/4	3 3/4	7/8	2 1/4	7/16	2 1/4	7/16	1 1/2
	L	M	N	O	P	Q	R	S	T	U	
	2 9/16	1 1/2	2 1/4	2 1/4	2 13/16	1 1/8	1	3/4	2 1/4	2 13/16	1 1/2

Jamb edge of gate is slightly rounded.

No hanging strip is required. If hanging strip is used, it must be at least as wide as dimension "J," and extend below gate at least 4 1/2 inches. If gate extends to floor level, use Type 6007M-RB hinge (illustrated on Page 40). Detail drawing of Type 6007M-RB will be sent on request.

(See Page 40)

# Table of Approximate Weights

## Chicago "Triplex" Spring Butt-Hinges

SIZE	Weight per Pair with Screws	
	Double Acting Type 2001	Single Acting Type 2002
3 in. .... $\frac{3}{4}$ to 1 in. ....	2 $\frac{3}{8}$ pounds	1 $\frac{1}{8}$ pounds
4 in. .... $\frac{7}{8}$ to 1 $\frac{1}{4}$ in. ....	3 $\frac{1}{4}$ "	2 "
5 in. .... 1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in. ....	5 "	3 $\frac{1}{8}$ "
5 in. .... (Gate Type) ....	7 $\frac{1}{2}$ "	4 $\frac{3}{8}$ "
6 in. .... 1 $\frac{1}{4}$ to 1 $\frac{3}{4}$ in. ....	7 $\frac{1}{2}$ "	4 $\frac{7}{8}$ "
6 in. .... (Gates Type) ....	9 $\frac{1}{2}$ "	.....
7 in. .... 1 $\frac{1}{8}$ to 2 in. ....	10 $\frac{1}{2}$ "	6 $\frac{1}{4}$ "
8 in. .... 1 $\frac{1}{2}$ to 2 $\frac{1}{4}$ in. ....	16 "	8 $\frac{1}{2}$ "
10 in. .... 1 $\frac{3}{4}$ to 2 $\frac{1}{2}$ in. ....	24 "	13 $\frac{1}{4}$ "
12 in. .... 2 $\frac{1}{4}$ to 3 in. ....	38 $\frac{1}{2}$ "	21 "

## Chicago "Simplex" Spring Butt-Hinges

SIZE	Weight per Pair with Screws	
	Double Acting Type 9001	Single Acting Type 9002
3 in. .... $\frac{3}{4}$ to 1 in. ....	2 $\frac{3}{4}$ pounds	1 $\frac{1}{2}$ pounds
4 in. .... $\frac{7}{8}$ to 1 $\frac{1}{4}$ in. ....	3 $\frac{1}{2}$ "	2 "
5 in. .... 1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in. ....	5 $\frac{1}{2}$ "	3 $\frac{1}{8}$ "
6 in. .... 1 $\frac{1}{4}$ to 1 $\frac{3}{4}$ in. ....	8 "	4 $\frac{1}{2}$ "
7 in. .... 1 $\frac{1}{8}$ to 1 $\frac{1}{8}$ in. ....	11 $\frac{1}{4}$ "	6 "
8 in. .... 1 $\frac{1}{4}$ to 2 in. ....	16 $\frac{3}{4}$ "	9 "
10 in. .... 1 $\frac{3}{4}$ to 2 $\frac{1}{4}$ in. ....	27 $\frac{3}{4}$ "	10 $\frac{1}{2}$ "

## Chicago Spring and Springless Butt-Hinges

SIZE	Weight per Pair with Screws	
	Spring Hinges Type 1 $\frac{1}{2}$	Springless Hinges Type 3 $\frac{1}{2}$
$\frac{7}{8}$ to 1 in. ....	4 $\frac{3}{8}$ pounds	1 $\frac{1}{8}$ pounds
1 $\frac{1}{8}$ to 1 $\frac{1}{4}$ in. ....	5 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in. ....	10 "	2 $\frac{3}{8}$ "
1 $\frac{1}{4}$ to 2 in. ....	15 $\frac{1}{4}$ "	3 $\frac{1}{2}$ "
2 $\frac{1}{4}$ to 2 $\frac{1}{2}$ in. ....	29 $\frac{3}{8}$ "	6 $\frac{1}{2}$ "
2 $\frac{3}{4}$ to 3 in. ....	42 $\frac{1}{4}$ "	9 $\frac{1}{2}$ "

## Chicago "Relax" Spring Pivot-Hinges—Type 6001

SIZE	Weight per Set with Screws	
	5 $\frac{5}{8}$ pounds	5 $\frac{5}{8}$ pounds
1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in. ....	7 $\frac{1}{4}$ "	7 $\frac{1}{4}$ "
1 $\frac{1}{2}$ to 2 in. ....	13 "	12 $\frac{1}{4}$ "

## Chicago "Non-Release" Spring Pivot-Hinges Type NR6001

1 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in. ....	5 pounds
1 $\frac{1}{2}$ to 2 in. ....	7 $\frac{1}{4}$ "
1 $\frac{1}{4}$ to 2 $\frac{3}{4}$ in. ....	12 $\frac{1}{4}$ "

## Chicago "Premier" Spring Pivot-Hinges Type 4001

1 $\frac{1}{8}$ to 1 $\frac{3}{4}$ in. ....	4 $\frac{3}{8}$ pounds
1 $\frac{3}{4}$ to 2 $\frac{3}{4}$ in. ....	8 "

## Chicago "Ajax" Spring Pivot-Hinges—Type 3001

1 $\frac{1}{8}$ to 1 $\frac{1}{4}$ in. ....	3 $\frac{5}{8}$ pounds
---	------------------------

## Chicago "Eight Thousand" Spring Pivot-Hinge

1 $\frac{1}{8}$ to 1 $\frac{3}{4}$ in. ....	3 $\frac{1}{2}$ pounds
---	------------------------

## Chicago "Durex" Spring Pivot-Hinges—Type 17001

1 $\frac{1}{8}$ to 1 $\frac{3}{4}$ in. ....	3 pounds
---	----------

## Chicago Spring Pivot-Hinges—Type 5001

7 $\frac{1}{8}$ to 1 $\frac{1}{2}$ in. ....	6 pounds
1 $\frac{1}{2}$ to 2 in. ....	7 $\frac{1}{8}$ "
2 to 2 $\frac{1}{2}$ in. ....	10 $\frac{1}{2}$ "
2 $\frac{1}{2}$ to 3 $\frac{1}{2}$ in. ....	11 "

## Chicago Lavatory Door Bolts

No.	Weight Each with Screws
1250K.....	$\frac{3}{4}$ pound
1254K.....	$\frac{3}{4}$ "
1242K.....	$\frac{3}{4}$ "
1252K.....	1 "
1236K.....	$\frac{1}{2}$ "
1238K.....	$\frac{1}{2}$ "
1240K.....	1 "
1248K.....	$\frac{5}{8}$ "
1244K.....	$\frac{5}{8}$ "

These weights include the box and wrapping, but not the packing case or packing. To calculate approximate gross weight, including packing case and packing, add 10% to above weights. Weights given for Lavatory Spring Hinges with clamp flanges are for 1  $\frac{1}{4}$  in. partition.

## Chicago Lavatory Spring Hinges

No.	Weight with Bolts and Screws
2242—4 in. ....	2 $\frac{7}{8}$ pounds
2142—3 in. ....	2 $\frac{1}{4}$ "
2242A.....	4 $\frac{1}{8}$ "
2242.....	3 $\frac{1}{2}$ "
2241.....	4 $\frac{3}{4}$ "
2241A.....	6 $\frac{1}{8}$ "
2242, 4 in.—2244.....	set
2242A—2244A.....	3 "
2842.....	3 $\frac{5}{8}$ "
2742.....	3 $\frac{3}{8}$ "
2642.....	5 $\frac{1}{2}$ "
2542.....	4 $\frac{1}{2}$ "
2842—2844.....	set
2742—2744.....	2 $\frac{1}{2}$ "
2642—2644.....	4 "
2542—2544.....	3 $\frac{1}{2}$ "
F2222.....	2 $\frac{5}{8}$ "
F2222—F2224.....	2 "
2442—4 in. ....	pair
2443—3 in. ....	3 "
2442, 4 in.—2444.....	set
2442, 4 in.—2446.....	2 $\frac{1}{4}$ "
C6221.....	5 $\frac{1}{2}$ "
P6221.....	4 $\frac{1}{2}$ "
F6221.....	4 $\frac{1}{2}$ "
FR6221.....	4 $\frac{1}{2}$ "
C or CI7227S or M.....	3 $\frac{1}{8}$ "
P7227S or M.....	2 $\frac{3}{8}$ "
F or FR7227S or M.....	2 $\frac{1}{4}$ "
C or CI6227S or M.....	3 $\frac{3}{4}$ "
P6227S or M.....	3 $\frac{5}{8}$ "
F or FR6227S or M.....	3 "
C or CI4227S or M.....	4 $\frac{1}{4}$ "
P4227S or M.....	3 $\frac{5}{8}$ "
F or FR4227S or M.....	3 $\frac{3}{4}$ "

## Lavatory Door Stops

No.	Weight with Bolts and Screws
1247A, B, C, D, E, F, G, H .. Each	$\frac{5}{8}$ pound
11247A, B.....	1 "
1347A.....	$\frac{5}{8}$ "
1253.....	$\frac{3}{4}$ "
D1253.....	$\frac{7}{8}$ "

## Chicago Gravity Pivot-Hinges

C or CI47227S.....	Sets	3 $\frac{1}{2}$ pounds
P47227S.....	"	3 $\frac{5}{8}$ "
F47227S.....	"	2 $\frac{1}{2}$ "
F47228S.....	"	2 $\frac{3}{4}$ "

## Sagless Gate Spring Pivot-Hinges

Type	Weight per set with Screws
4007.....	Sets
6007.....	"
7007.....	2 $\frac{1}{2}$ "

## Chicago Screen Door and Cabinet Spring Hinges

Type	Weight with Screws
2005.....	Per pair
3005.....	" "
4005.....	" "
8005-18005.....	" "
28005-38005.....	" "
5005.....	" "
6005.....	" "
505 (without screws) Gross pairs.....	96 "
505x.....	102 "
605 (without screws).....	102 "
605x.....	108 $\frac{1}{4}$ "
1505.....	sets
1605.....	" "
7005.....	pairs

## Chicago Door Springs—Type 280

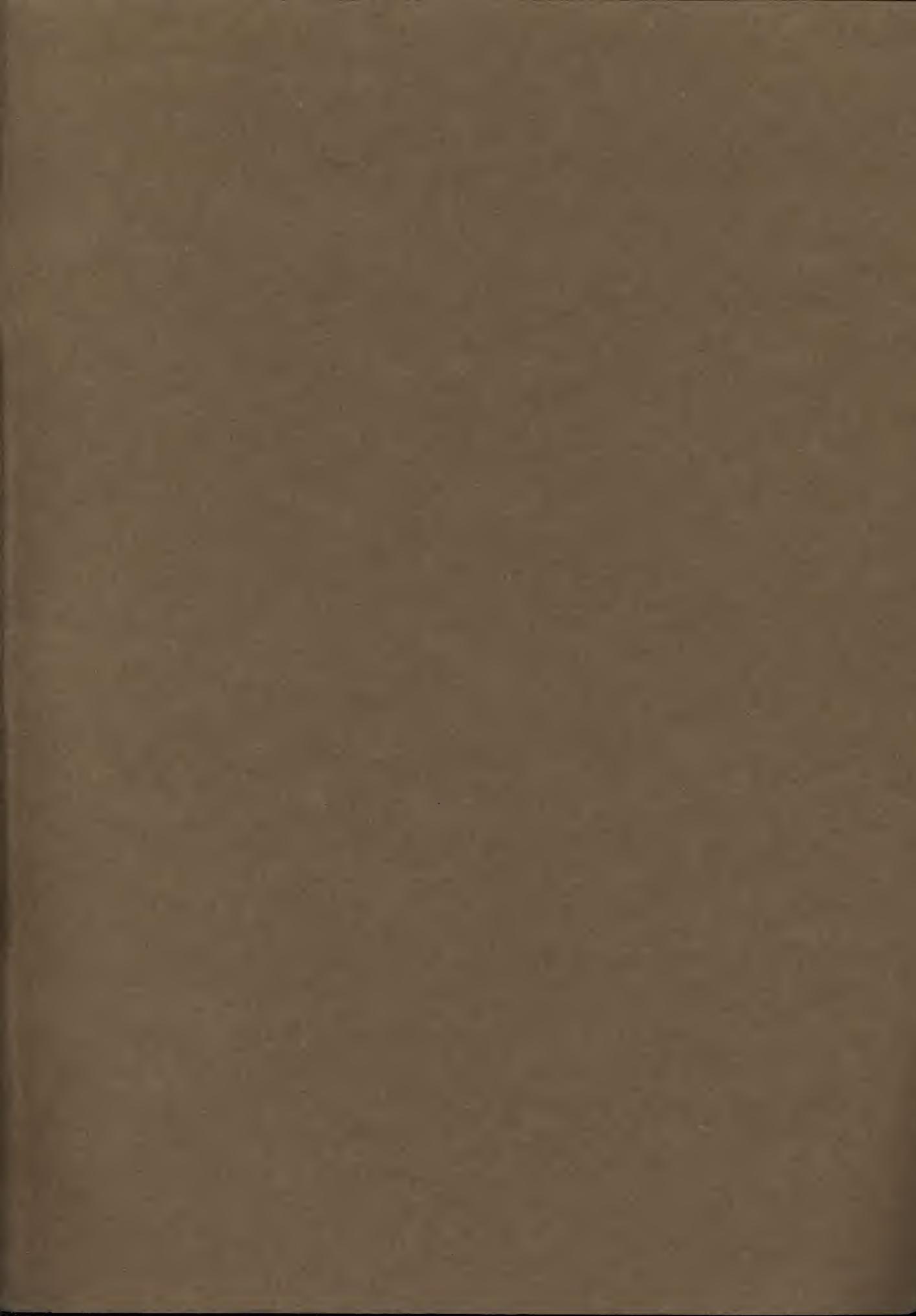
SIZE	Weight per Gross
9 in. ....	78 pounds
10 in. ....	84 "
11 in. ....	114 "
12 in. ....	132 "
13 in. ....	216 "
14 in. ....	240 "

## Chicago "Reliance" Door Springs—Type 270

7 in. (Light).....	93 $\frac{3}{4}$ pounds
8 in. (Medium).....	136 "
10 in. (Heavy).....	247 $\frac{1}{2}$ "

## Checking Door Closers—Type 25

25 or 125.....	3 pounds
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## LAVATORY STALL PARTITION FITTINGS

SUPPLEMENT  
FOR  
CATALOGUE NO. 55

CHICAGO SPRING HINGE COMPANY  
MANUFACTURERS  
CHICAGO            NEW YORK  
U. S. A.

# Lavatory Stall Standards

Polished Brass Metal, Nickel Plated



No. 810



No. 800



No. 800A



No. 800B



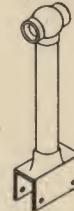
No. 800C



No. 811



No. 801



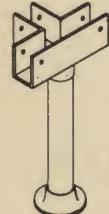
No. 801A



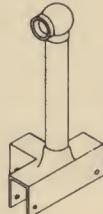
No. 801B



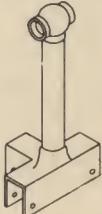
No. 801C



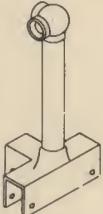
No. 812



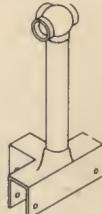
No. 802



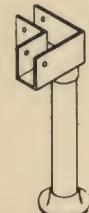
No. 802A



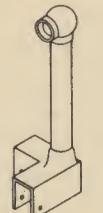
No. 802B



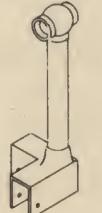
No. 802C



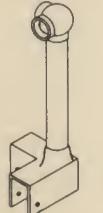
No. 813



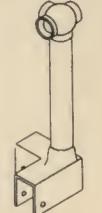
No. 803



No. 803A



No. 803B



No. 803C

## Bottom Standards

810 Bottom Standard, end ..... See Price Sheet      812 Bottom Standard, tee ..... See Price Sheet  
 811 Bottom Standard, center ..... " " "      813 Bottom Standard, corner ..... " " "

Bottom Standards are 12 inches high, unless otherwise specified, and made for partitions and stiles  $\frac{3}{8}$  inch to  $1\frac{3}{4}$  inch as specified. Height is from floor to bottom of partition. Posts are  $1\frac{1}{4}$  inch O. D. tubing.

## Top Standards

800 End clamp, end ball fitting	See Price Sheet	802 Tee clamp, end ball fitting	See Price Sheet
800A End clamp, center ball fitting	" " "	802A Tee clamp, center ball fitting	" " "
800B End clamp, corner ball fitting	" " "	802B Tee clamp, corner ball fitting	" " "
800C End clamp, tee ball fitting	" " "	802C Tee clamp, tee ball fitting	" " "
801 Center clamp, end ball fitting	" " "	803 Corner clamp, end ball fitting	" " "
801A Center clamp, center ball fitting	" " "	803A Corner clamp, center ball fitting	" " "
801B Center clamp, corner ball fitting	" " "	803B Corner clamp, corner ball fitting	" " "
801C Center clamp, tee ball fitting	" " "	803C Corner clamp, tee ball fitting	" " "

Top Standards are  $1\frac{1}{2}$  inches high, unless otherwise specified. Height is from top of partition to center of top rail. Posts are  $1\frac{1}{4}$  inch O. D. tubing with ball fittings for  $1\frac{1}{4}$  inch O. D. railing and partition and stile fittings  $\frac{3}{8}$  inch to  $1\frac{3}{4}$  inch, as specified.

Prices include thru bolts for fastening to partition and stiles also set screws to secure tubing rail.

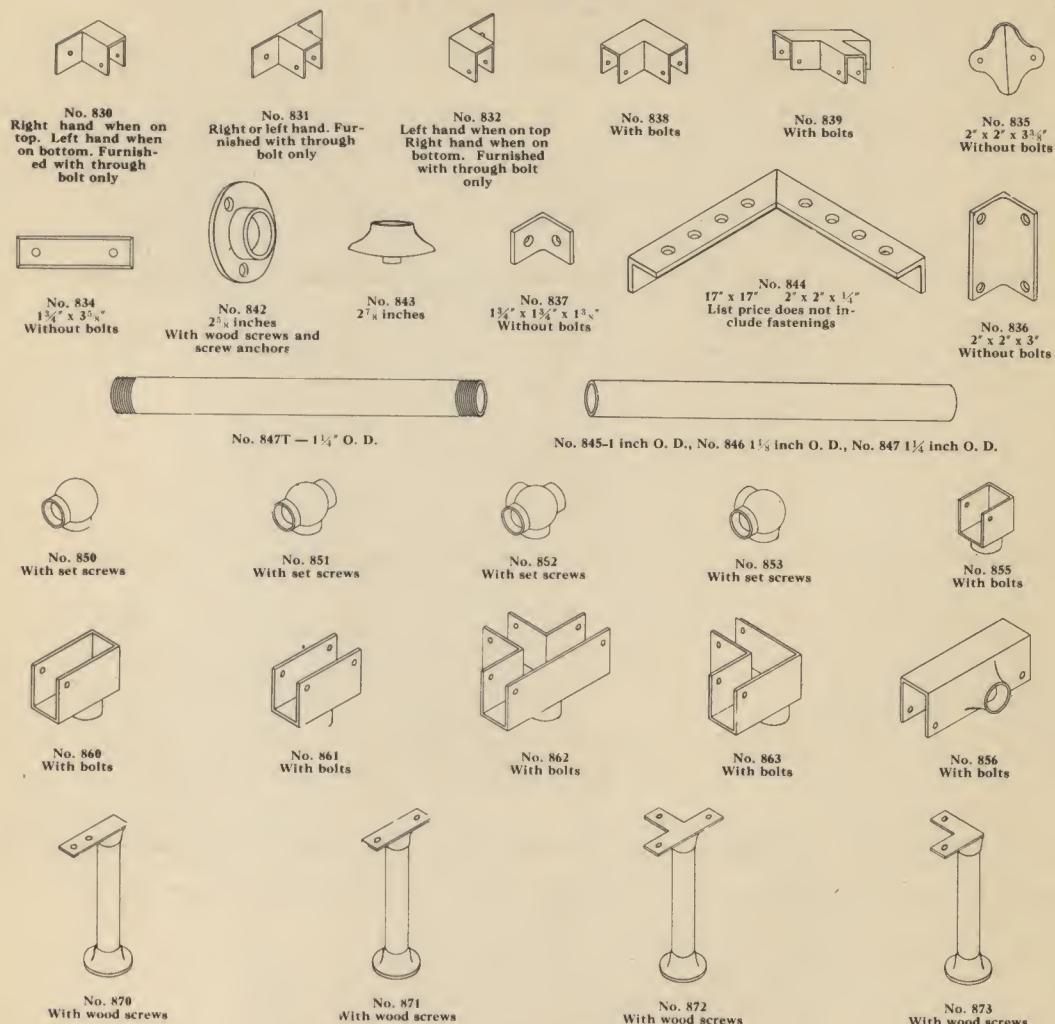
Always specify thickness of partition and stile.

\*Specify hand of fitting. Hand of fitting is determined from position facing the stall.

CHICAGO

# Lavatory Stall Fittings and Standards

Polished Brass Metal, Nickel Plated



## Polished Brass, Nickel Plated

830 Partition support, end . . . . .	See Price Sheet	847T Tubing Post 1 1/4 inch O. D. . . . .	See Price Sheet
831 Partition support, center . . . . .	" " "	850 End ball fitting . . . . .	" " "
832 Partition support, end . . . . .	" " "	851 Center ball fitting . . . . .	" " "
834 Flat Plate . . . . .	" " "	852 Tee ball fitting . . . . .	" " "
835 Angle . . . . .	" " "	853 Corner ball fitting . . . . .	" " "
836 Angle, extra heavy . . . . .	" " "	855 Shower curtain rod clamp . . . . .	" " "
837 Angle . . . . .	" " "	856 Shower curtain rod clamp . . . . .	" " "
*838 Corner clamp . . . . .	" " "	860 End clamp, top or bottom . . . . .	" " "
839 Tee clamp . . . . .	" " "	861 Center clamp, top or bottom . . . . .	" " "
842 Wall Flange . . . . .	" " "	862 Tee clamp, top or bottom . . . . .	" " "
843 Floor flange . . . . .	" " "	*863 Corner clamp, top or bottom . . . . .	" " "
844 Shower or dressing room seat support . . . . .	" " "	870 Wood partition, end . . . . .	" " "
845 Brass tubing 1 inch O. D. . . . .	" " "	871 Wood partition, center . . . . .	" " "
846 Brass tubing 1 1/8 inch O. D. . . . .	" " "	872 Wood partition, tee . . . . .	" " "
847 Brass tubing 1 1/4 inch O. D. . . . .	" " "	873 Wood partition, corner . . . . .	" " "

Furnished with bolts and screws as noted under illustration  
Always specify thickness of partition and stile.

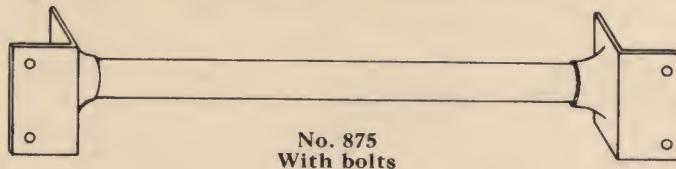
\*Specify hand of fitting and state whether for use at top or bottom of partition. Hand of fitting is determined from position facing the stall.

## Comparative Numbers for U. S. Government Specifications

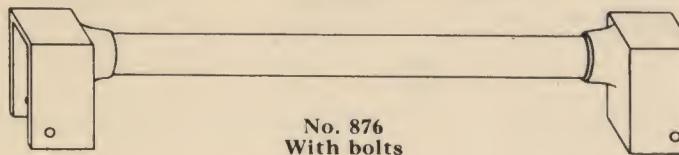
U. S. Government Type Stall Fittings	A	B	C	D	E	F	G	H	I	K	L	M	N	8
Chicago Spring Hinge Co. Nos. . . . .	843	852	853	831	855	832	862	863	830	856	838	842	835	844
U. S. Government Type Spring Hinges—Fig. J or No. 2360				No. 2362	No. 2363				No. 2364					
Chicago Spring Hinge Co. Nos. . . . .	2242A-Rev.			2842 Rev.	2642 Rev.				F2222 Rev.					
U. S. Government Type Door Bolts and Stops	Fig. P	C1051	B1051 with Keeper only					A1051				Fig. O		
Chicago Spring Hinge Co. Nos. . . . .	1260	1256K		1252K				1260 X 1247C	1247C					

## Shower Curtain Rods

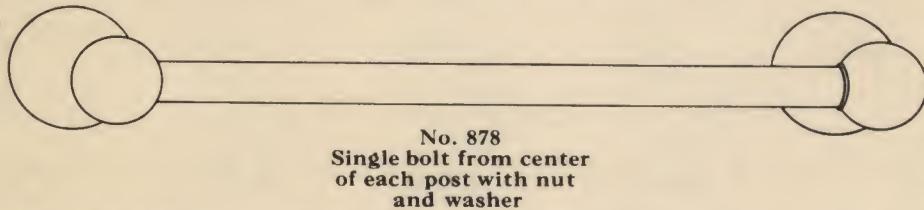
Polished Brass Metal, Nickel Plated



Type 875 curtain rod has an "L" angle attachment which permits use with any thickness of partition. Specify thickness of partition, so correct length of bolt will be furnished. Also specify width of opening.

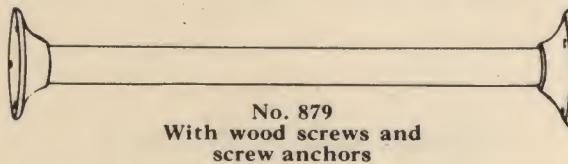


Type 876 with clamp flange provides for attachment to corner of partition, giving very rigid construction and maximum of head room. Specify width of opening, also thickness of partition.



Type 878 curtain rod is usually attached by a single bolt from the center of each post passing through the partition, with nut and washer on end. When obstruction necessitates, these rods can be supplied to be applied with screws and screw anchors. Rods will be furnished with distance between posts 6 inches longer than width of opening.

Specify thickness of partition and method of attaching desired, also width of opening.



Type 879 is equipped with wall flange, wood screws and screw anchors unless otherwise specified. Specify width of opening.

All curtain rods, unless otherwise specified, are for 2-foot openings.

The shower curtain rods illustrated above represent the designs in most common use. Rods with other partition attachments can be furnished on special order. Unless otherwise specified 1 1/8 inch O. D. 18 B & S. gauge tubing will be supplied. Connections between rod and fittings are "slip fit" with set screw, which permits cutting rod when necessary on the job.

## Shower Curtains

All curtains are made to order as specified. It is customary to allow approximately 12 inches in width for overlap and 3 inches in length for shrinkage. When ordering state clearly size of curtain desired.

Furnished complete with Brass, Nickel Plated curtain hooks. Also supplied to special order with White Bronze or Chromium Plated curtain hooks at increased cost.

No. 890	Eight ounce White Duck.....	See price sheet
No. 891	Nine ounce White Duck.....	" " "
No. 892	Twelve ounce White Duck.....	" " "



